

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011824\
 Data File : VW033739.D
 Acq On : 18 Jan 2024 16:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 00:11:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 19 00:08:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	123406	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	112762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	57884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33890	5.022	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.535	69	27712	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.063	65	15515	5.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	3.828	46	48699	29.516	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.040%
24) Chloroform-d	4.252	84	59677	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	4.947	65	25784	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
32) Benzene-d6	4.963	84	119726	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.992	67	32515	3.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.243	98	110343	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.554	79	11815	3.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.030	63	37060	30.099	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.200%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17376	3.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	65.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	34631	3.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	29322	2.608	ug/L	98
3) Chloromethane	1.217	50	31870	2.364	ug/L	100
5) Vinyl chloride	1.285	62	35094	2.734	ug/L	89
6) Bromomethane	1.490	94	14682	2.287	ug/L	100
8) Chloroethane	1.555	64	22979	2.947	ug/L	96
9) Trichlorofluoromethane	1.719	101	54228	3.477	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	32290	3.684	ug/L	100
12) 1,1-Dichloroethene	2.072	96	28079	3.228	ug/L #	81
13) Acetone	2.146	43	42914	32.039	ug/L	93
14) Carbon disulfide	2.246	76	69392	2.156	ug/L	100
15) Methyl Acetate	2.391	43	9947	3.107	ug/L	99
16) Methylene chloride	2.449	84	31023	3.022	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	67563	3.430	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	29110	2.962	ug/L	96
19) 1,1-Dichloroethane	3.114	63	64087	3.282	ug/L	99
21) 2-Butanone	3.902	43	60593	32.590	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	35184	3.419	ug/L	94
23) Bromochloromethane	4.156	128	13016	3.469	ug/L	91
25) Chloroform	4.281	83	65452	3.651	ug/L	99

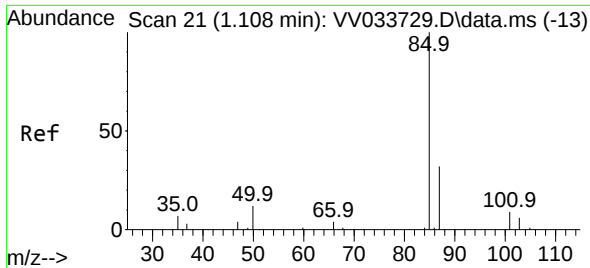
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011824\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 19 00:08:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	35063	3.432	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	58530	3.661	ug/L	99
30) Cyclohexane	4.583	56	52121	2.720	ug/L	95
31) Carbon tetrachloride	4.738	117	49659	3.643	ug/L	98
33) Benzene	5.011	78	129407	3.233	ug/L	100
34) Trichloroethene	5.834	95	35380	3.320	ug/L	98
35) Methylcyclohexane	6.050	83	53411	2.961	ug/L	95
37) 1,2-Dichloropropane	6.095	63	34577	3.478	ug/L	100
38) Bromodichloromethane	6.436	83	43134	3.559	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	50001	3.522	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	160478	35.113	ug/L	99
42) Toluene	7.317	91	140523	3.319	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	39027	3.411	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	20326	3.680	ug/L	96
47) Tetrachloroethene	7.905	164	25928	3.386	ug/L	100
48) 2-Hexanone	8.079	43	113458	33.887	ug/L	96
49) Dibromochloromethane	8.175	129	24936	3.626	ug/L	97
50) 1,2-Dibromoethane	8.284	107	17774	3.486	ug/L	98
51) Chlorobenzene	8.815	112	92348	3.560	ug/L	95
52) Ethylbenzene	8.947	91	167289	3.408	ug/L	99
53) m,p-Xylene	9.072	106	61617	3.408	ug/L	100
54) o-Xylene	9.477	106	61184	3.477	ug/L	97
55) Styrene	9.496	104	100855	3.596	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	21605	3.564	ug/L	97
59) Bromoform	9.667	173	13112	3.753	ug/L	100
60) Isopropylbenzene	9.866	105	174205	3.804	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	15690	3.381	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	145829	3.685	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	143805	3.600	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	76111	3.758	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	75535	3.809	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	65729	3.734	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	3414	3.348	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	60447	3.844	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	45327	3.460	ug/L	98
71) Naphthalene	13.442	128	51587	2.359	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	35200	3.350	ug/L	99

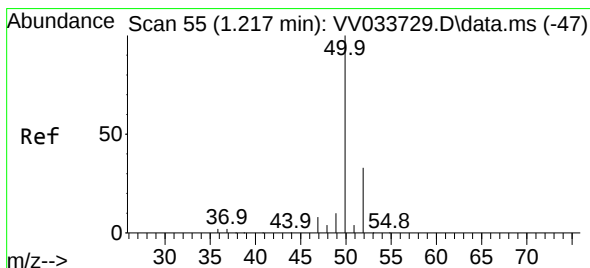
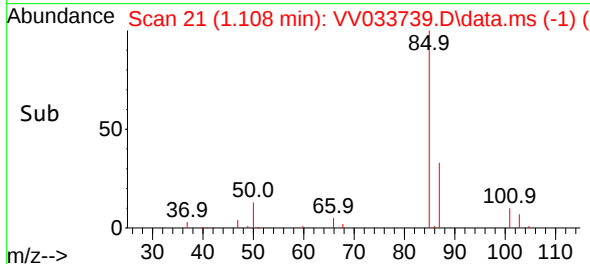
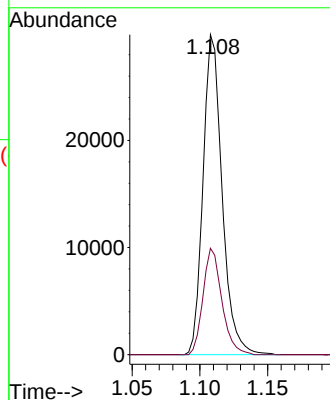
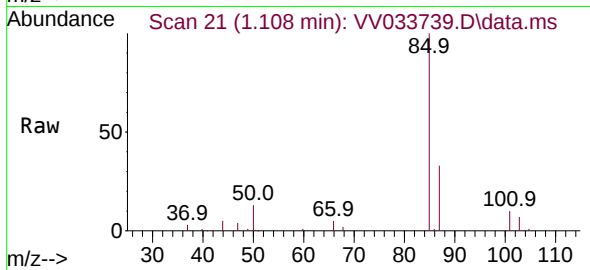
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.608 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033739.D
 Acq: 18 Jan 2024 16:20

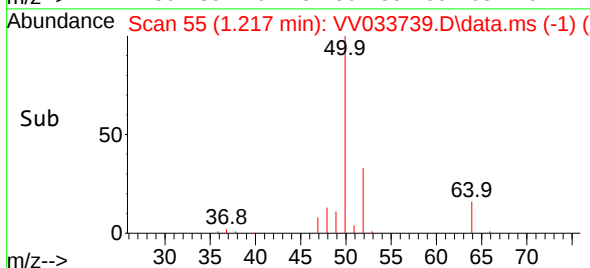
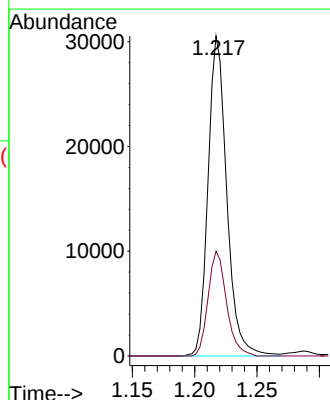
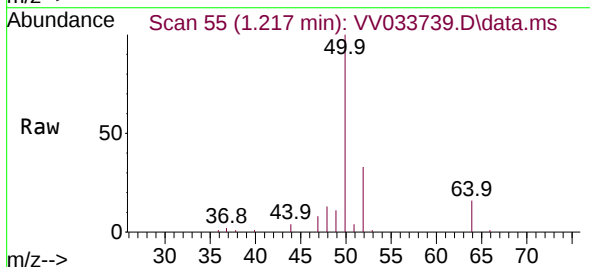
Instrument :
 MSVOA_V
 ClientSampleId :

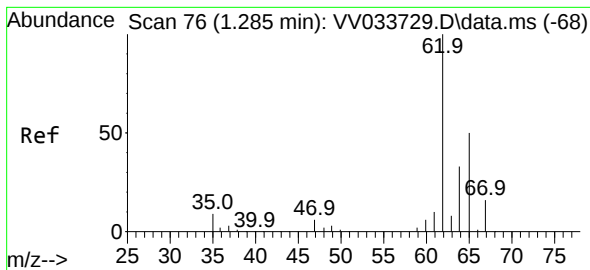
Tgt Ion: 85 Resp: 29322
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.2 37.8



#3
 Chloromethane
 Concen: 2.364 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033739.D
 Acq: 18 Jan 2024 16:20

Tgt Ion: 50 Resp: 31870
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.1 42.9

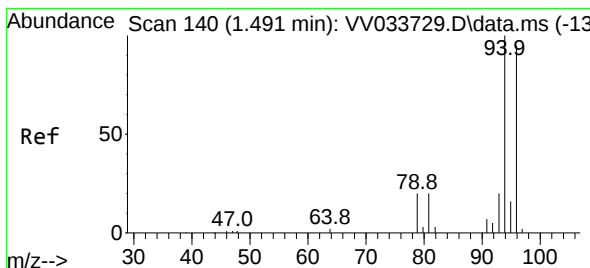
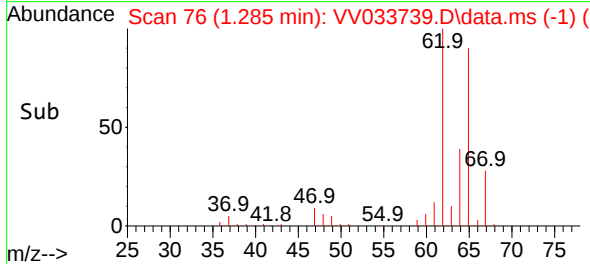
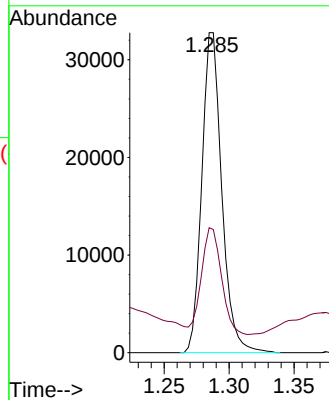
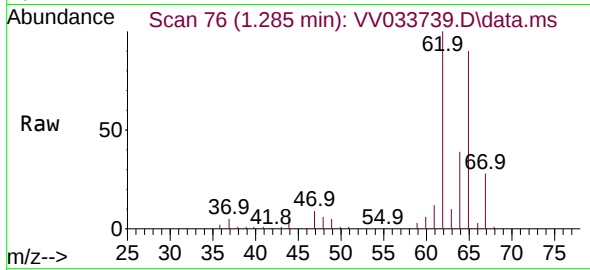




#5
Vinyl chloride
Concen: 2.734 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

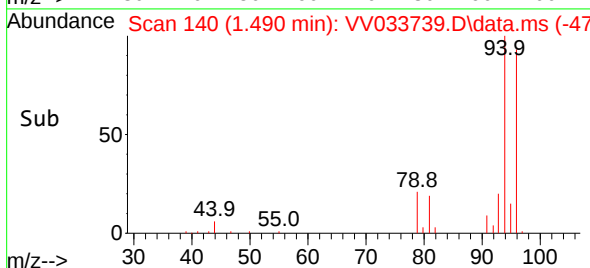
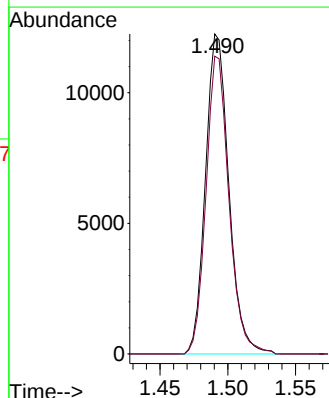
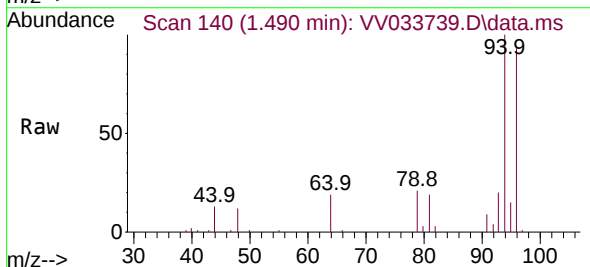
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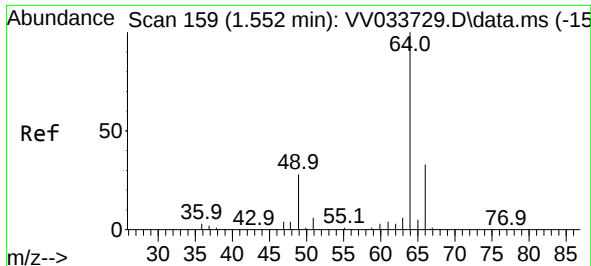
Tgt Ion	Ratio	Lower	Upper
62	100		
64	39.0	23.0	42.8



#6
Bromomethane
Concen: 2.287 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion	Ratio	Lower	Upper
94	100		
96	93.0	65.5	121.6

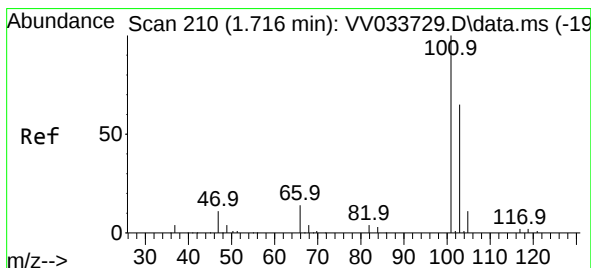
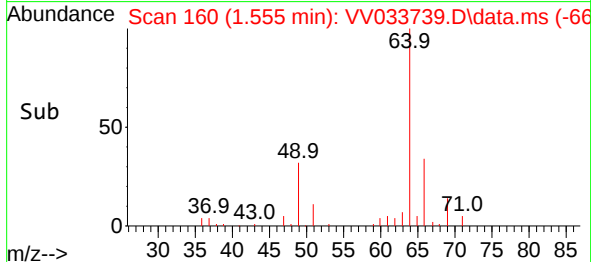
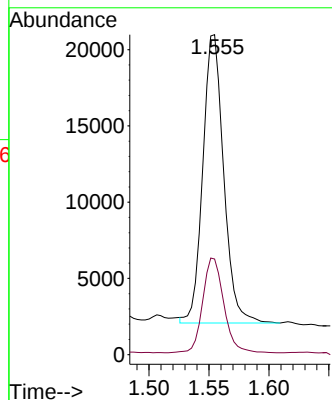
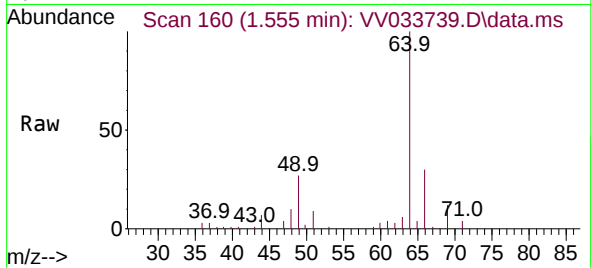




#8
Chloroethane
Concen: 2.947 ug/L
RT: 1.555 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

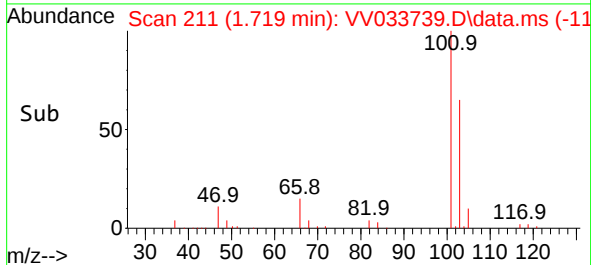
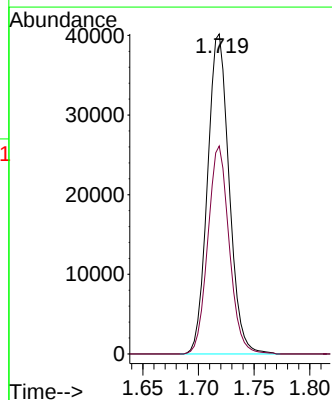
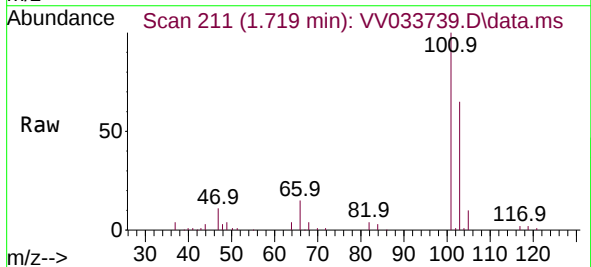
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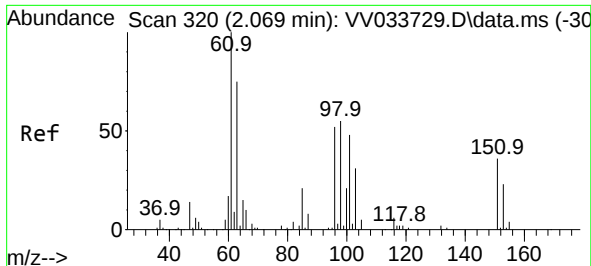
Tgt Ion: 64 Resp: 22979
Ion Ratio Lower Upper
64 100
66 29.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 3.477 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion:101 Resp: 54228
Ion Ratio Lower Upper
101 100
103 64.2 52.1 78.1

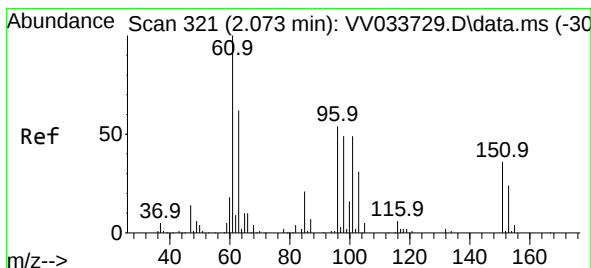
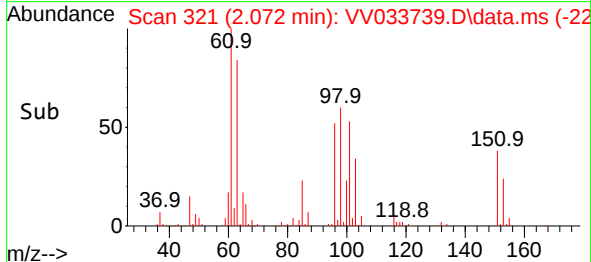
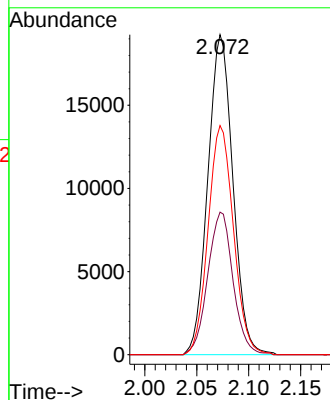
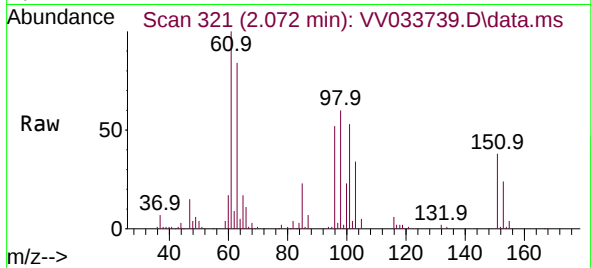




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.684 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

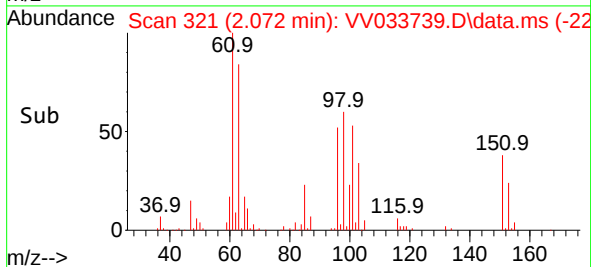
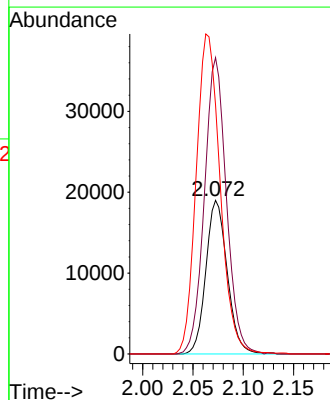
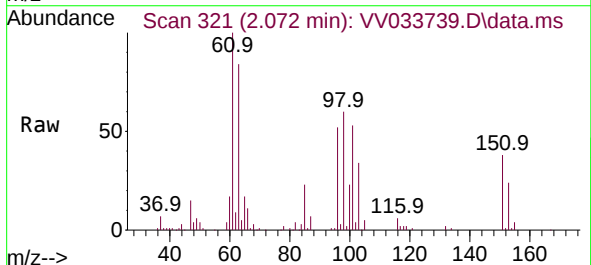
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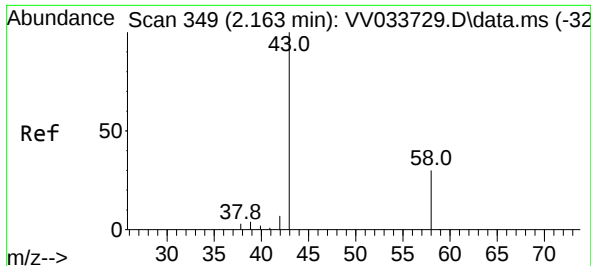
Tgt Ion:101 Resp: 32290
Ion Ratio Lower Upper
101 100
85 45.0 36.4 54.6
151 72.4 58.1 87.1



#12
1,1-Dichloroethene
Concen: 3.228 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion: 96 Resp: 28079
Ion Ratio Lower Upper
96 100
61 192.9 133.8 248.4
63 162.0 77.2 143.4#





#13

Acetone

Concen: 32.039 ug/L

RT: 2.146 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

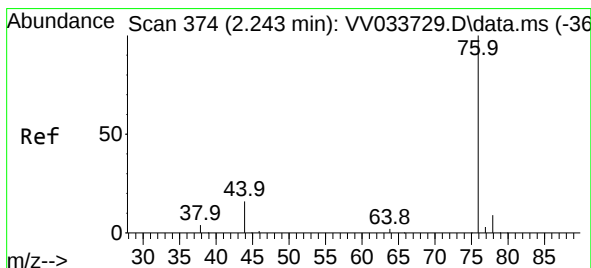
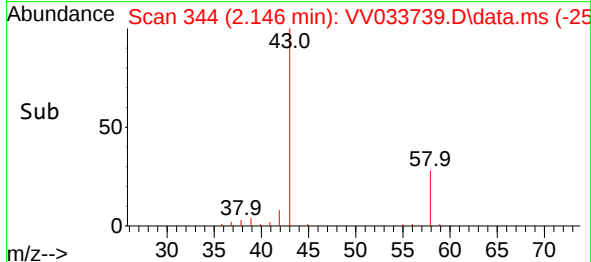
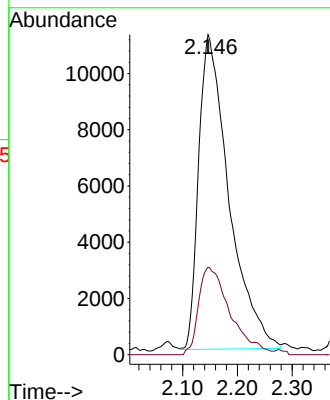
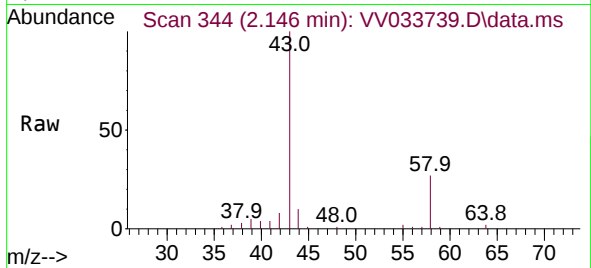
ClientSampleId :

Tgt Ion: 43 Resp: 42914

Ion Ratio Lower Upper

43 100

58 28.9 0.0 51.0



#14

Carbon disulfide

Concen: 2.156 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV033739.D

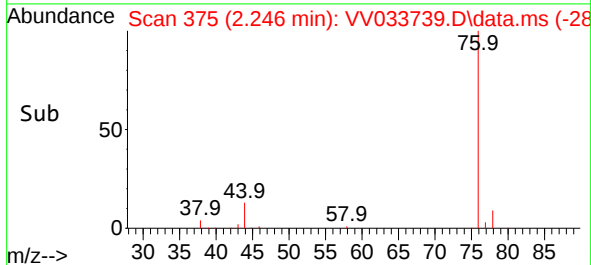
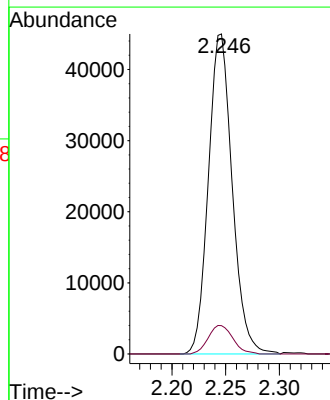
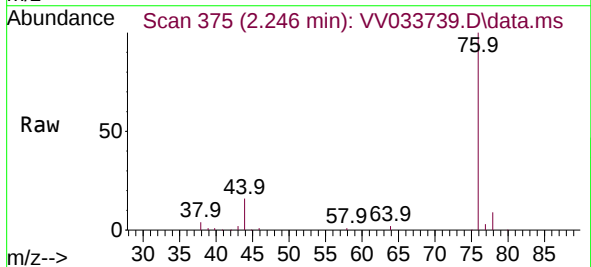
Acq: 18 Jan 2024 16:20

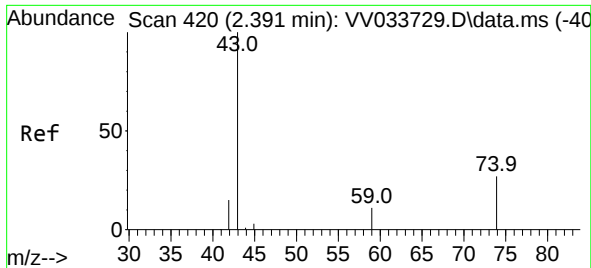
Tgt Ion: 76 Resp: 69392

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

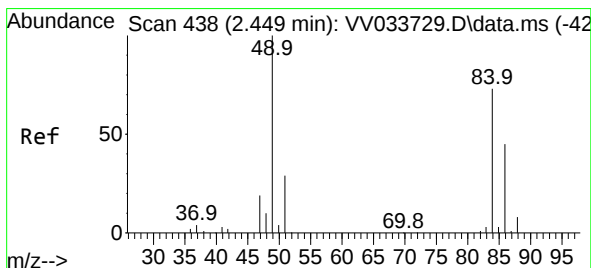
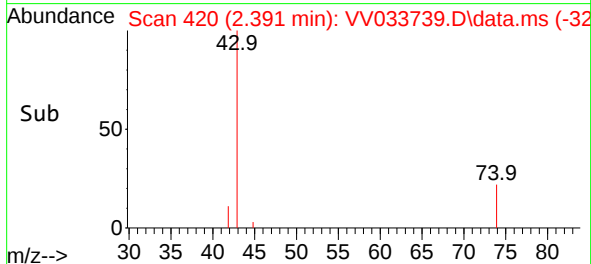
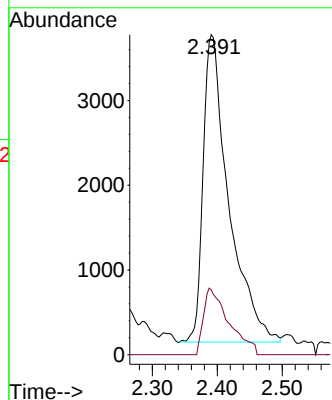
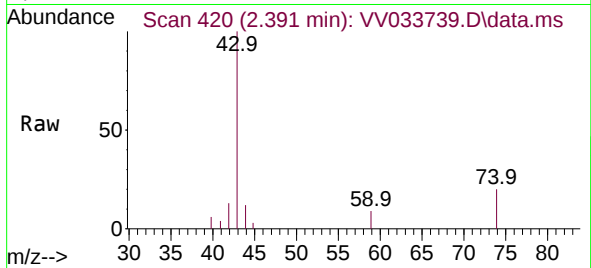




#15
Methyl Acetate
Concen: 3.107 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

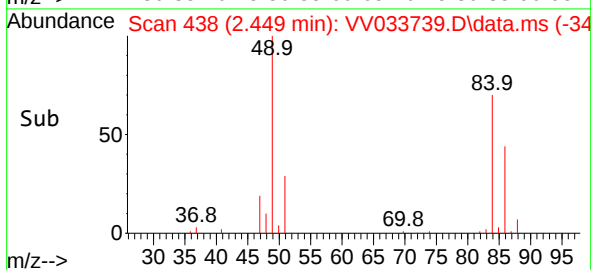
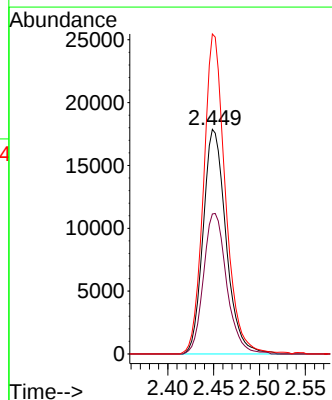
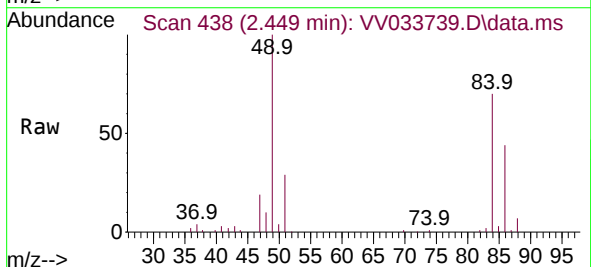
Instrument :
MSVOA_V
ClientSampleId :

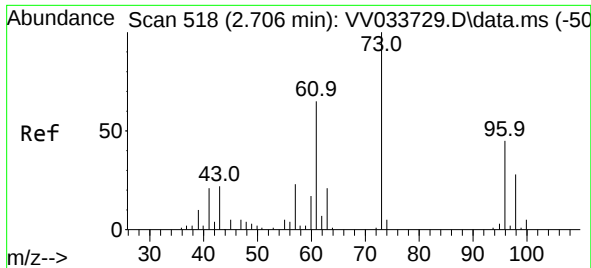
Tgt Ion: 43 Resp: 9947
Ion Ratio Lower Upper
43 100
74 21.4 16.6 24.8



#16
Methylene chloride
Concen: 3.022 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion: 84 Resp: 31023
Ion Ratio Lower Upper
84 100
86 62.3 45.5 84.5
49 142.5 100.3 186.3

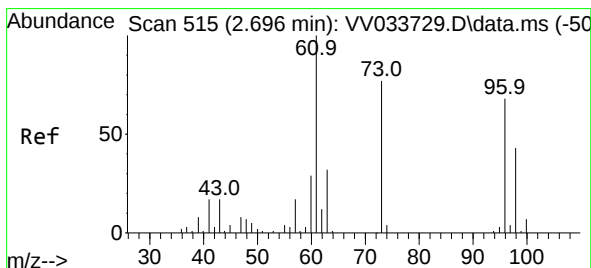
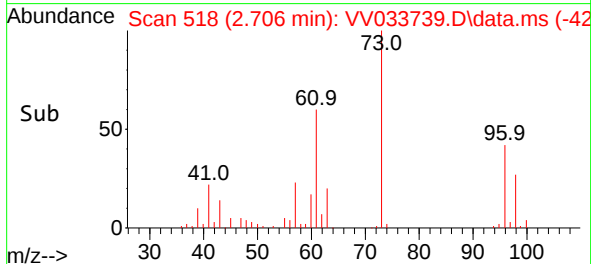
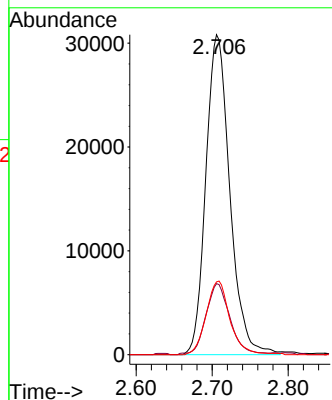
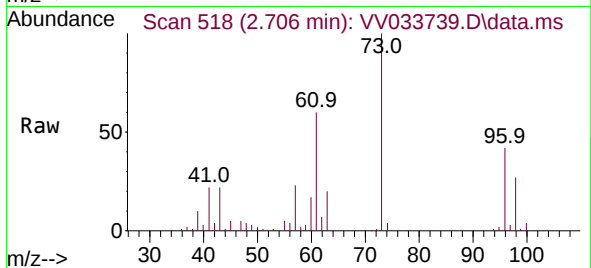




#17
Methyl tert-butyl Ether
Concen: 3.430 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

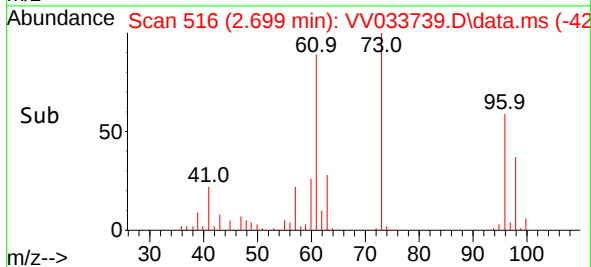
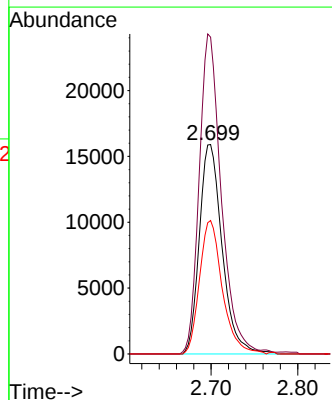
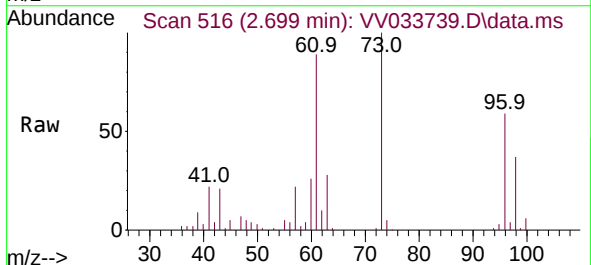
Instrument :
MSVOA_V
ClientSampleId :

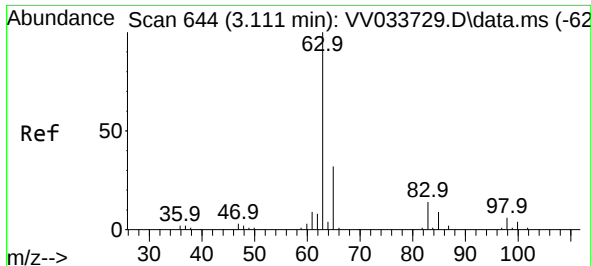
Tgt Ion: 73	Resp: 67563
Ion Ratio	Lower Upper
73 100	
43 22.3	17.7 26.5
57 22.8	19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 2.962 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion: 96	Resp: 29110
Ion Ratio	Lower Upper
96 100	
61 151.2	110.4 205.0
98 63.7	44.1 81.9

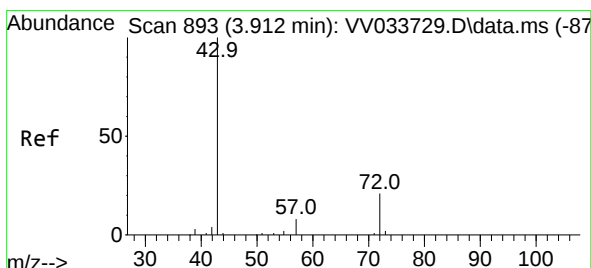
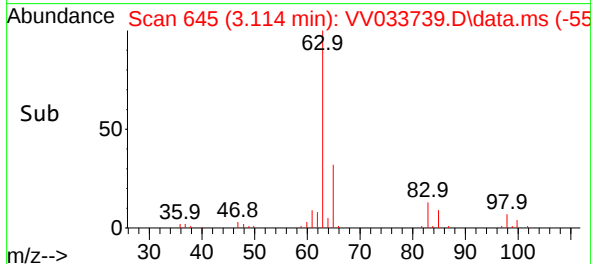
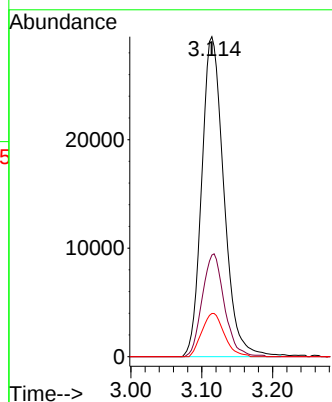
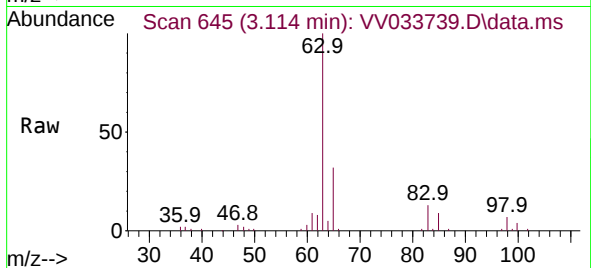




#19
1,1-Dichloroethane
Concen: 3.282 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

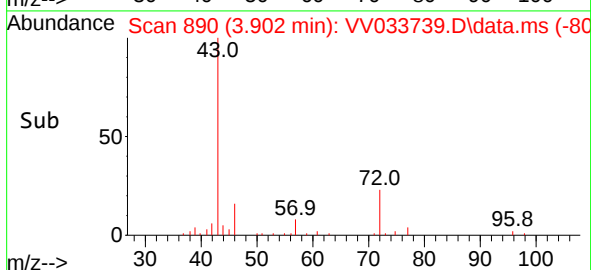
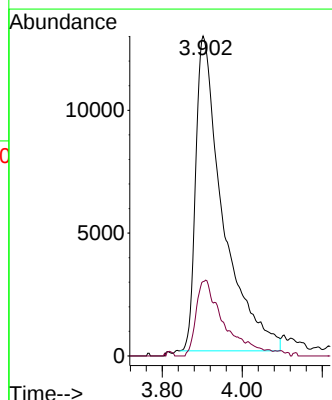
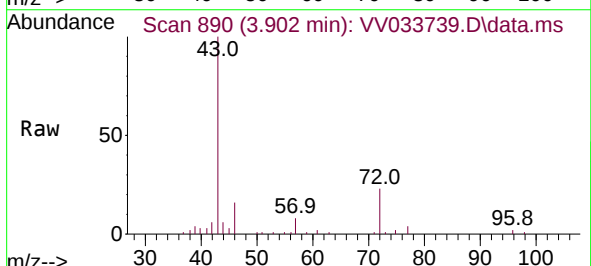
Instrument :
MSVOA_V
ClientSampleId :

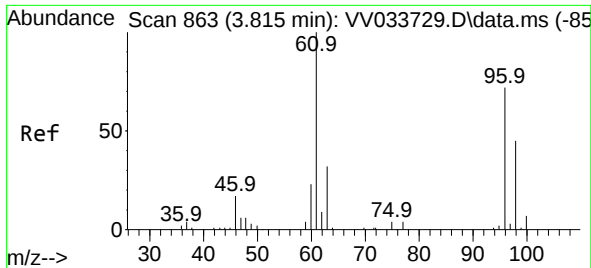
Tgt Ion:	63	Resp:	64087
Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.6	40.2
83	13.5	9.1	16.9



#21
2-Butanone
Concen: 32.590 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.010 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

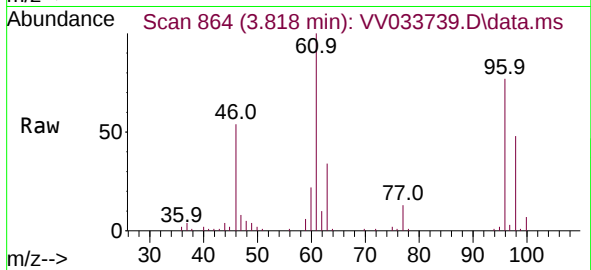
Tgt Ion:	43	Resp:	60593
Ion	Ratio	Lower	Upper
43	100		
72	22.6	10.5	31.6



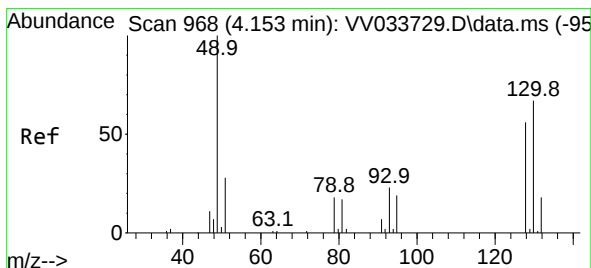
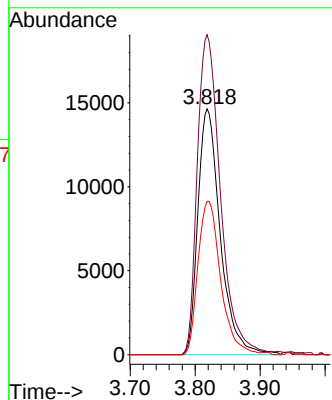
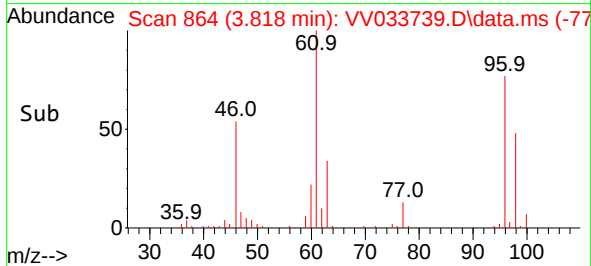


#22
 cis-1,2-Dichloroethene
 Concen: 3.419 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033739.D
 Acq: 18 Jan 2024 16:20

Instrument :
 MSVOA_V
 ClientSampleId :

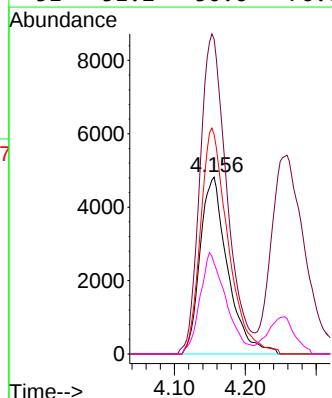
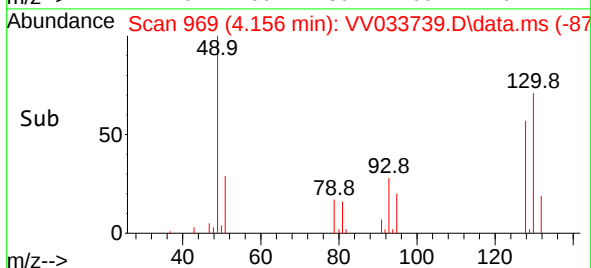
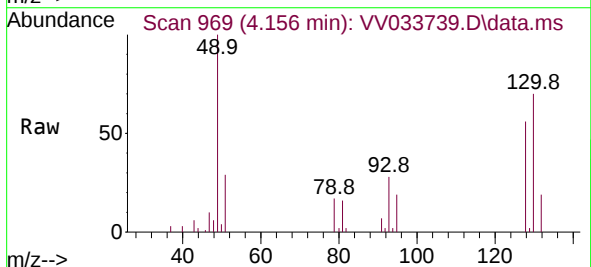


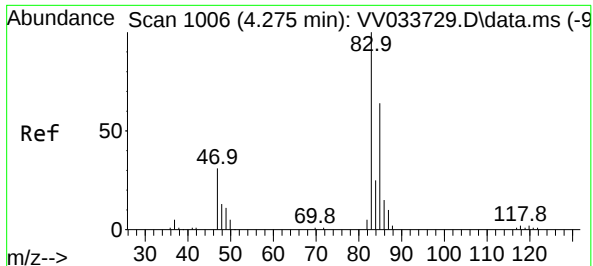
Tgt Ion: 96 Resp: 35184
 Ion Ratio Lower Upper
 96 100
 61 130.2 97.1 180.3
 98 62.4 42.6 79.0



#23
 Bromochloromethane
 Concen: 3.469 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.003 min
 Lab File: VV033739.D
 Acq: 18 Jan 2024 16:20

Tgt Ion: 128 Resp: 13016
 Ion Ratio Lower Upper
 128 100
 49 178.1 136.4 253.2
 130 124.0 87.5 162.5
 51 51.2 50.6 76.0





#25

Chloroform

Concen: 3.651 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

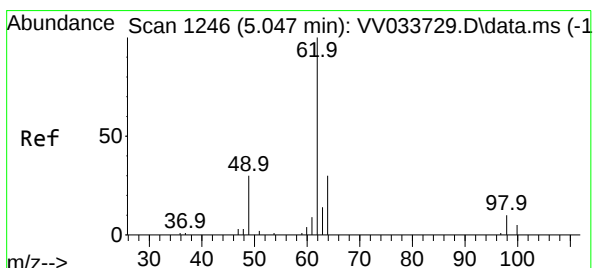
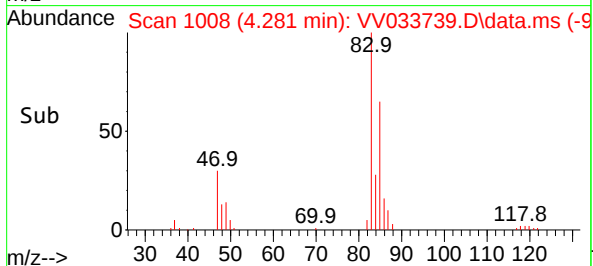
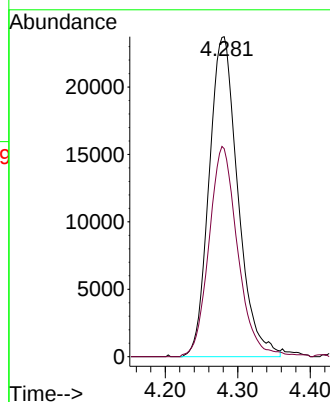
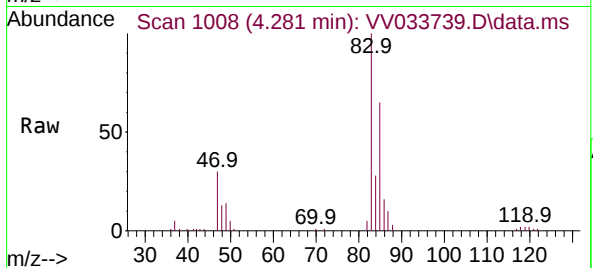
ClientSampleId :

Tgt Ion: 83 Resp: 65452

Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.9



#27

1,2-Dichloroethane

Concen: 3.432 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VV033739.D

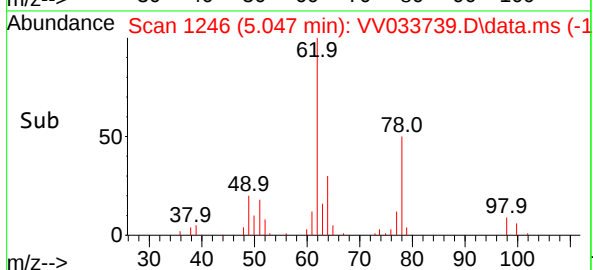
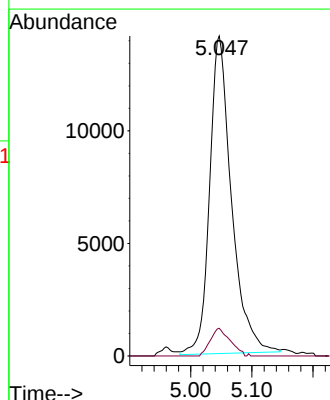
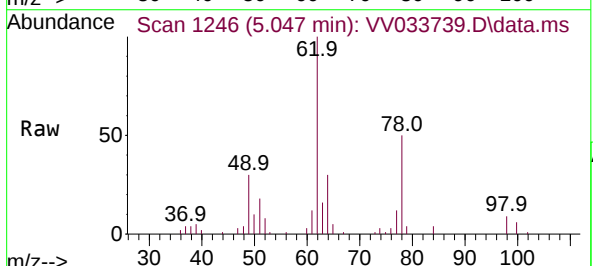
Acq: 18 Jan 2024 16:20

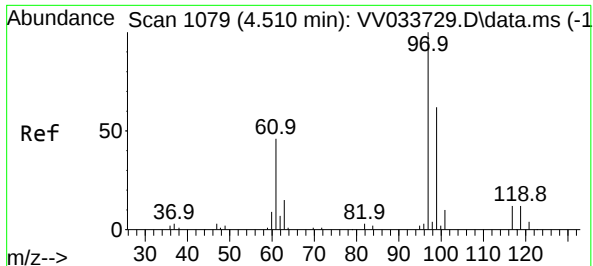
Tgt Ion: 62 Resp: 35063

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 3.661 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

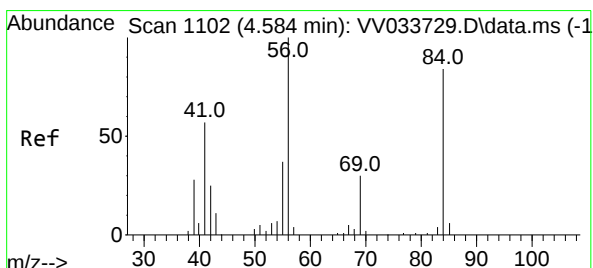
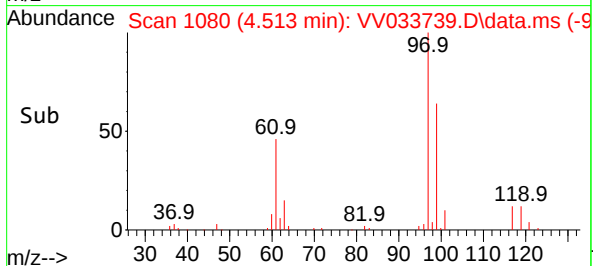
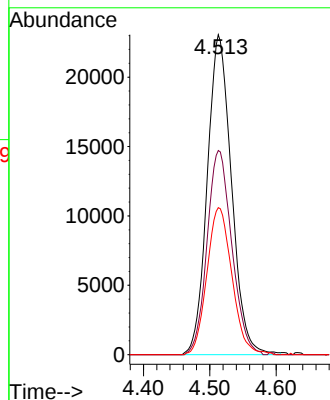
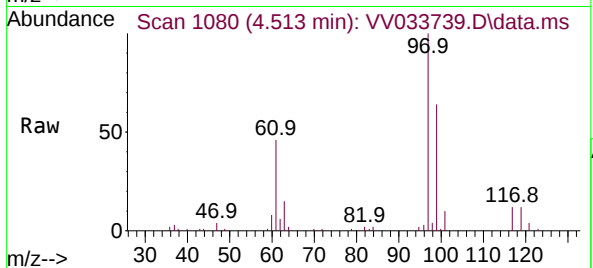
Tgt Ion: 97 Resp: 58530

Ion Ratio Lower Upper

97 100

99 65.3 50.8 76.2

61 47.5 38.1 57.1



#30

Cyclohexane

Concen: 2.720 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

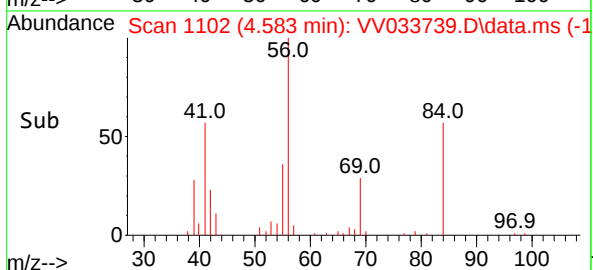
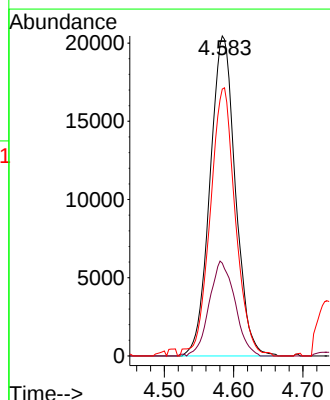
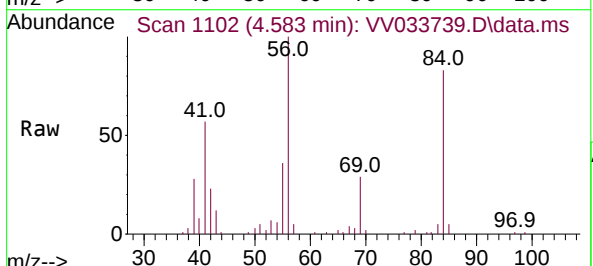
Tgt Ion: 56 Resp: 52121

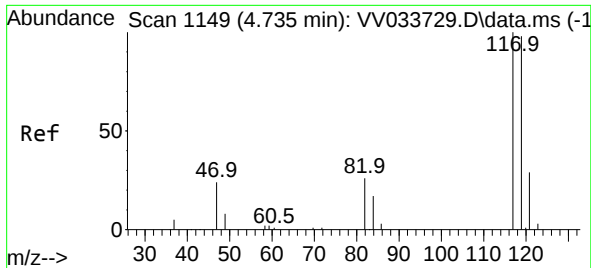
Ion Ratio Lower Upper

56 100

69 29.8 23.3 34.9

84 83.0 61.7 92.5

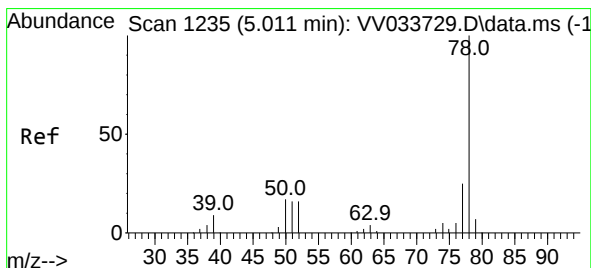
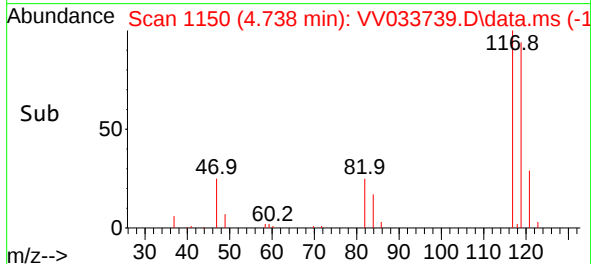
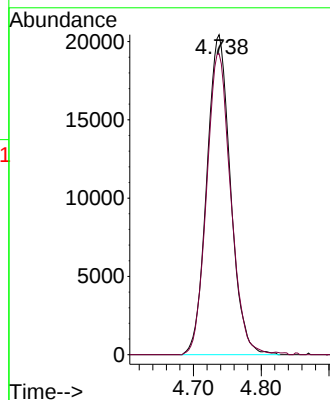
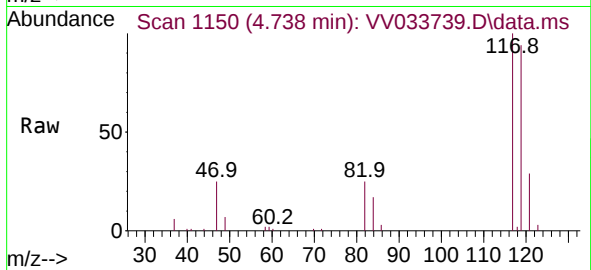




#31
Carbon tetrachloride
Concen: 3.643 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

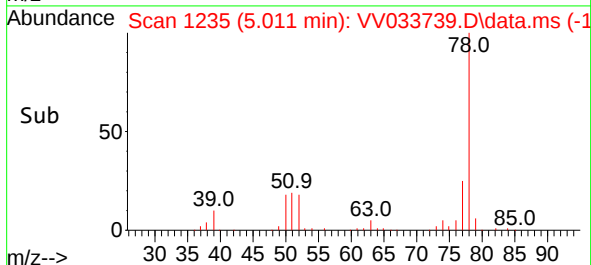
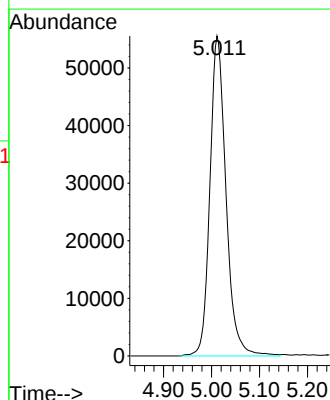
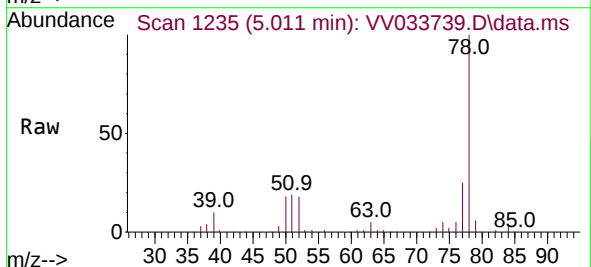
Instrument :
MSVOA_V
ClientSampleId :

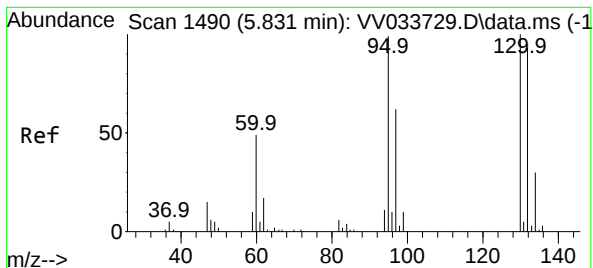
Tgt Ion:117 Resp: 49659
Ion Ratio Lower Upper
117 100
119 95.8 78.3 117.5



#33
Benzene
Concen: 3.233 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion: 78 Resp: 129407





#34

Trichloroethene

Concen: 3.320 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 35380

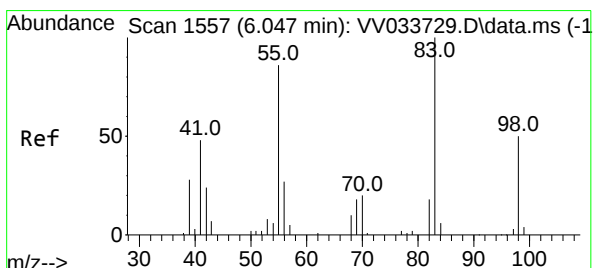
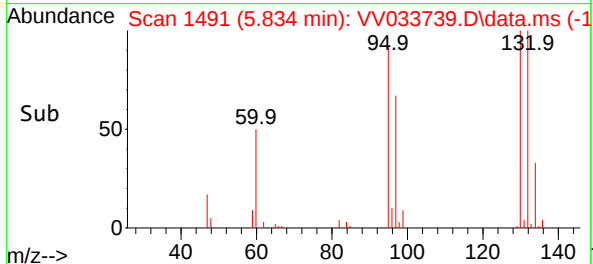
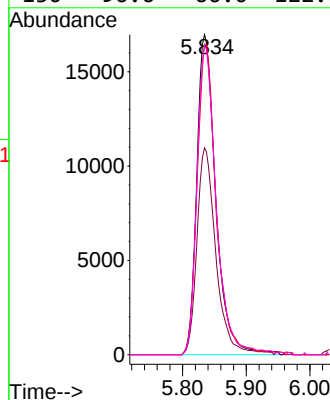
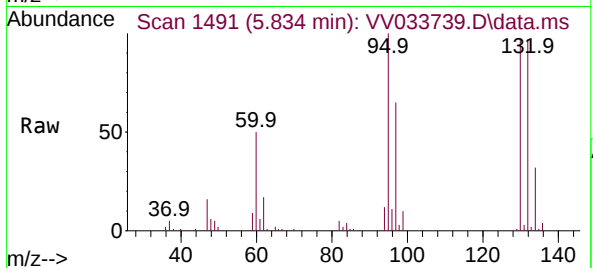
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.9

132 97.0 65.2 121.2

130 96.6 66.0 122.6



#35

Methylcyclohexane

Concen: 2.961 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

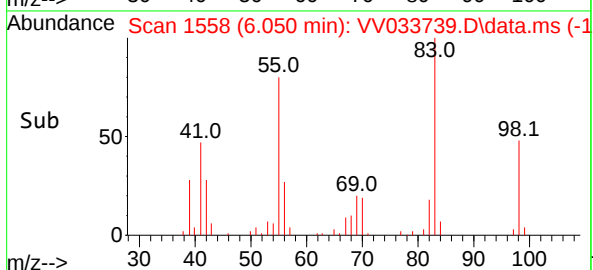
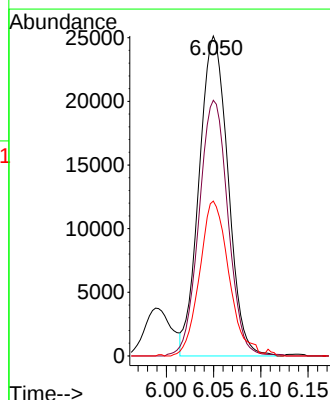
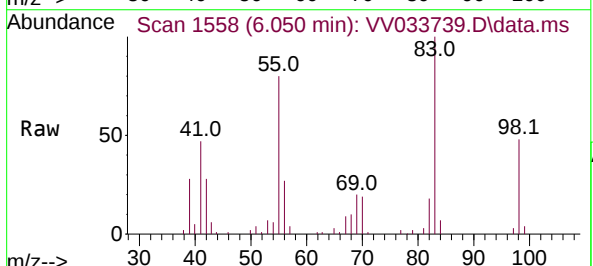
Tgt Ion: 83 Resp: 53411

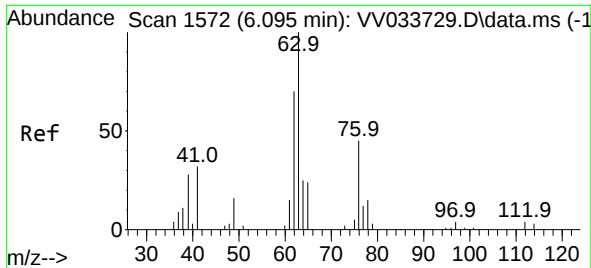
Ion Ratio Lower Upper

83 100

55 80.3 68.7 103.1

98 49.2 38.3 57.5

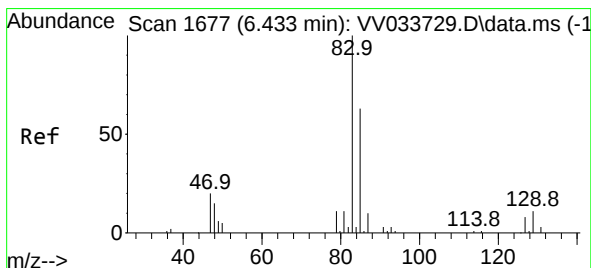
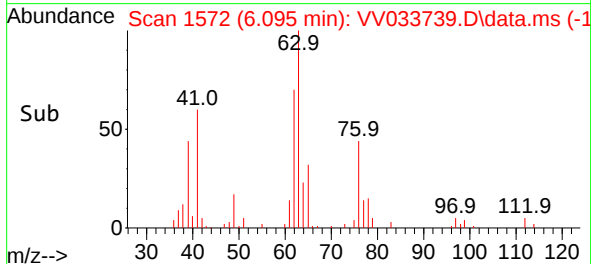
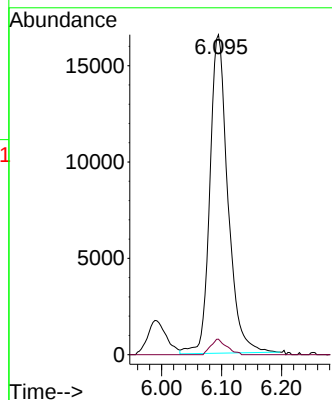
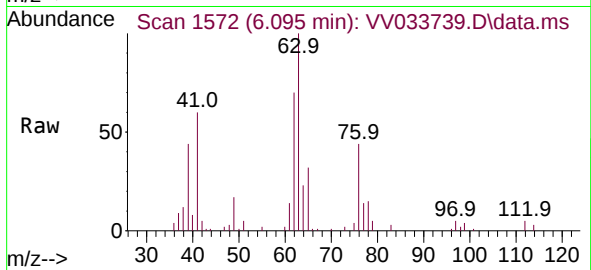




#37
1,2-Dichloropropane
Concen: 3.478 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

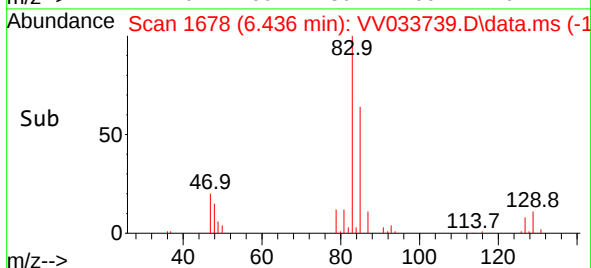
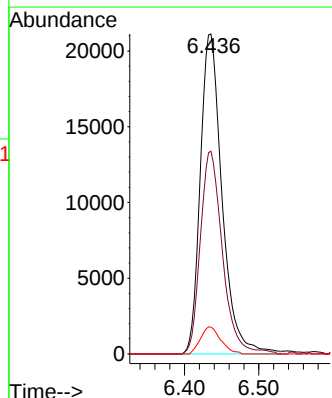
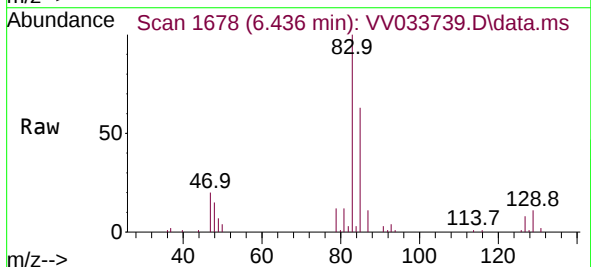
Instrument :
MSVOA_V
ClientSampleId :

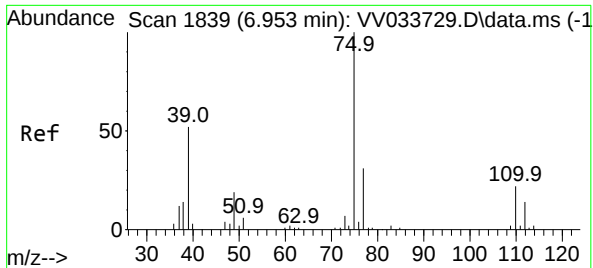
Tgt Ion: 63 Resp: 34577
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2



#38
Bromodichloromethane
Concen: 3.559 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion: 83 Resp: 43134
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.9
127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 3.522 ug/L

RT: 6.956 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

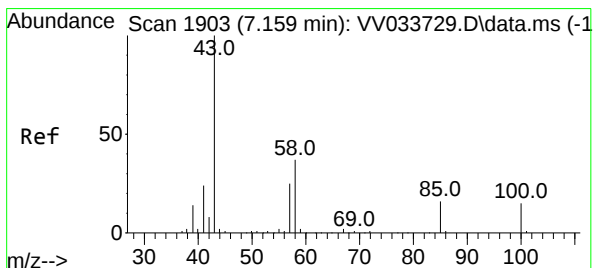
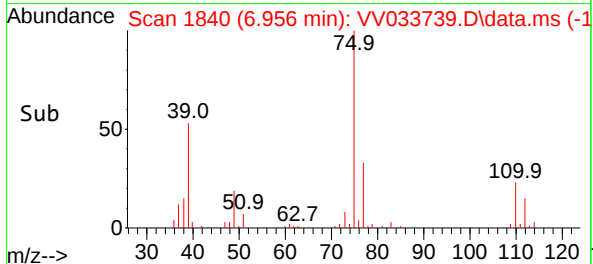
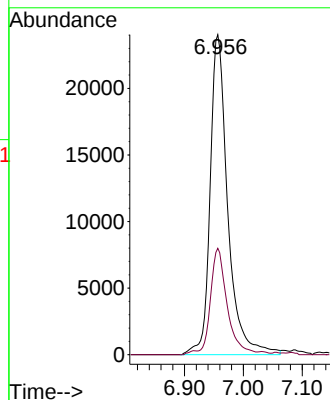
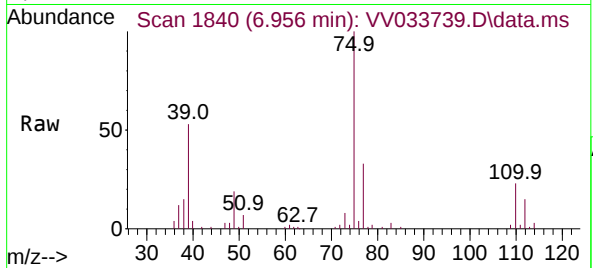
ClientSampleId :

Tgt Ion: 75 Resp: 50001

Ion Ratio Lower Upper

75 100

77 33.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 35.113 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

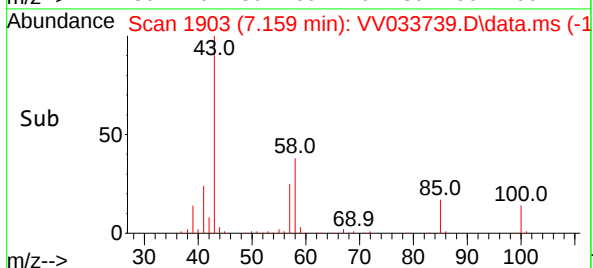
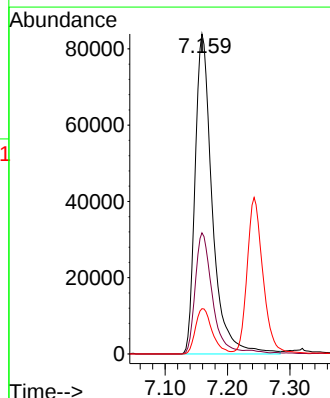
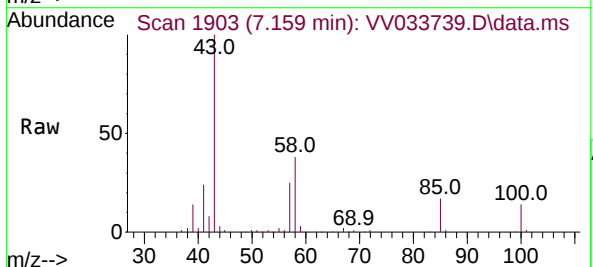
Tgt Ion: 43 Resp: 160478

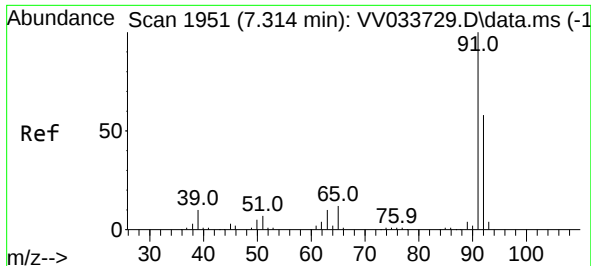
Ion Ratio Lower Upper

43 100

58 37.4 29.9 44.9

100 13.8 9.9 14.9





#42

Toluene

Concen: 3.319 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

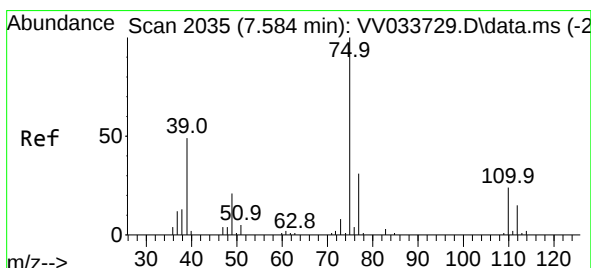
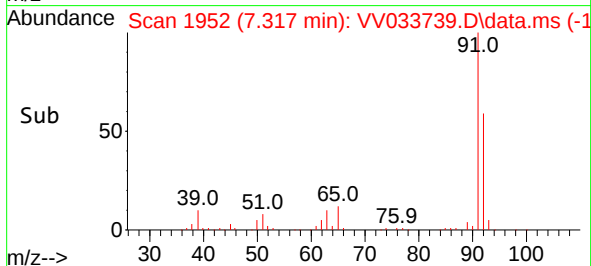
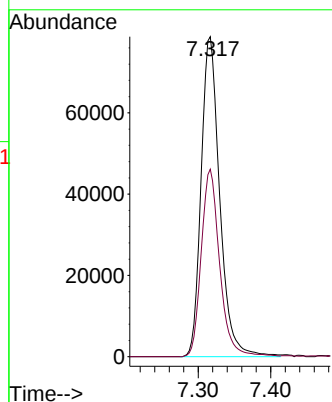
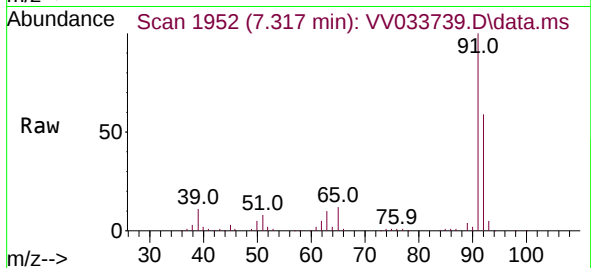
ClientSampleId :

Tgt Ion: 91 Resp: 140523

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 3.411 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV033739.D

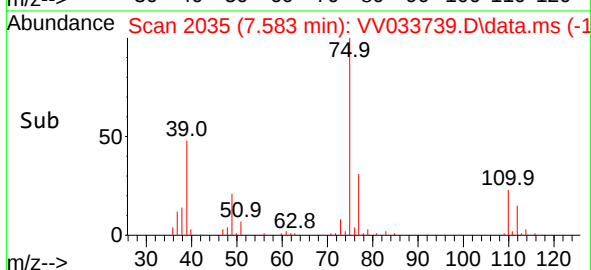
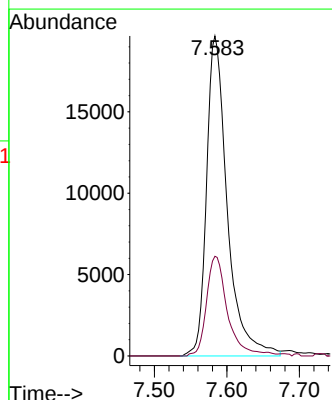
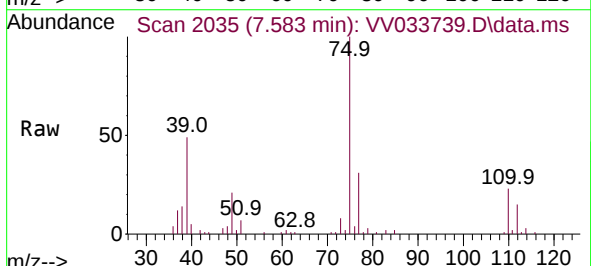
Acq: 18 Jan 2024 16:20

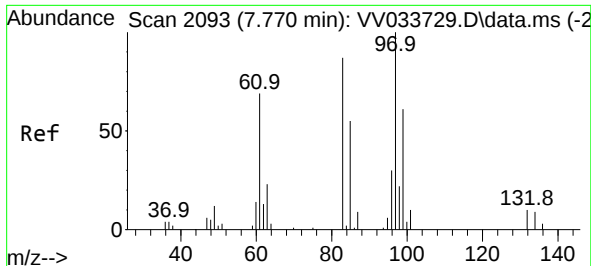
Tgt Ion: 75 Resp: 39027

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 3.680 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 20326

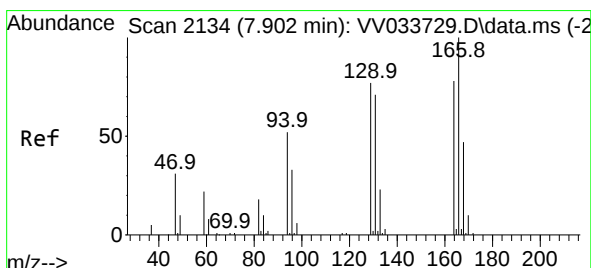
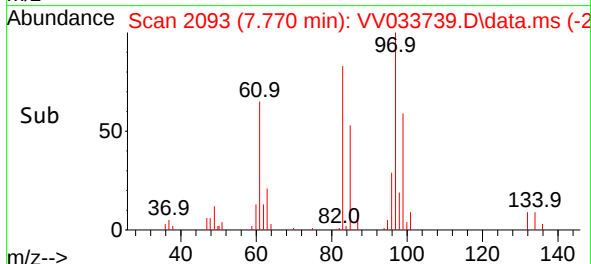
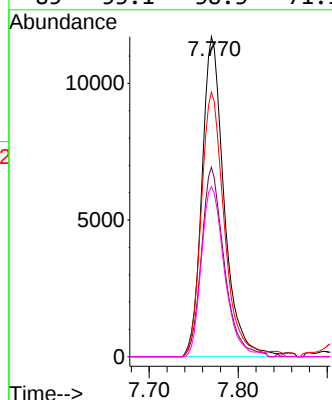
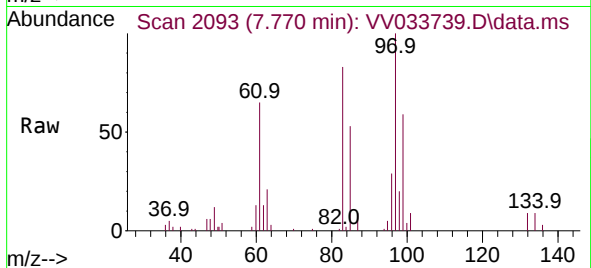
Ion Ratio Lower Upper

97 100

99 59.2 44.9 83.3

83 82.7 60.5 112.3

85 53.1 38.3 71.1



#47

Tetrachloroethene

Concen: 3.386 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Tgt Ion:164 Resp: 25928

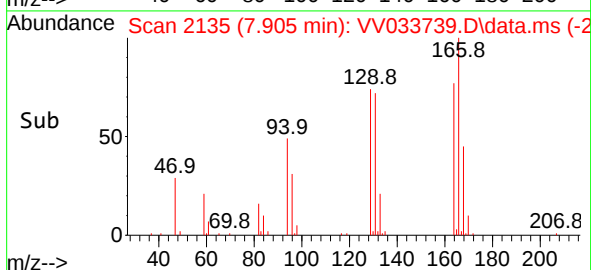
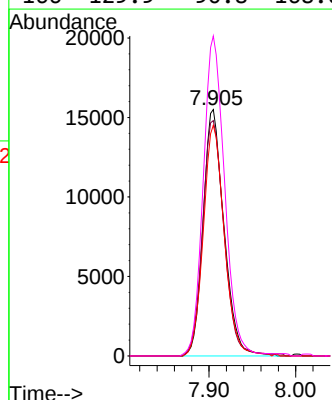
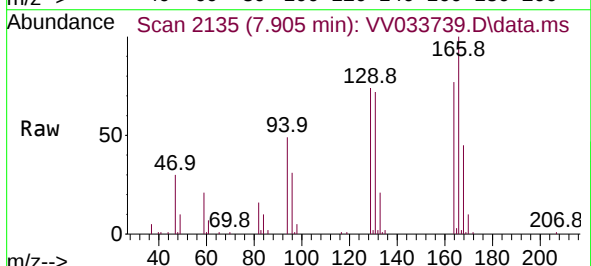
Ion Ratio Lower Upper

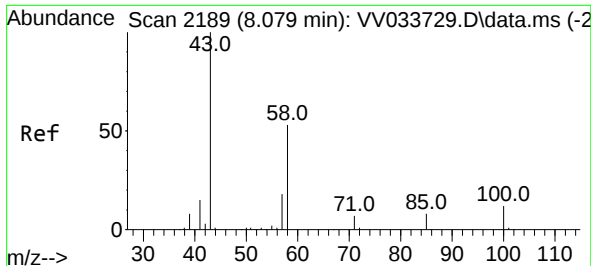
164 100

129 95.5 67.1 124.7

131 93.6 65.0 120.6

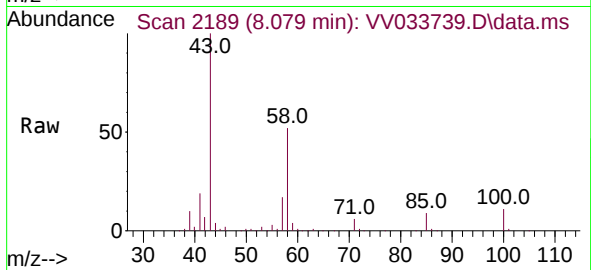
166 129.9 90.8 168.6





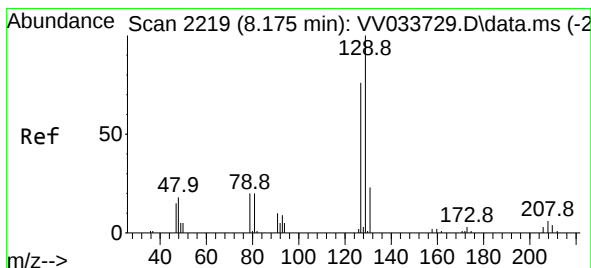
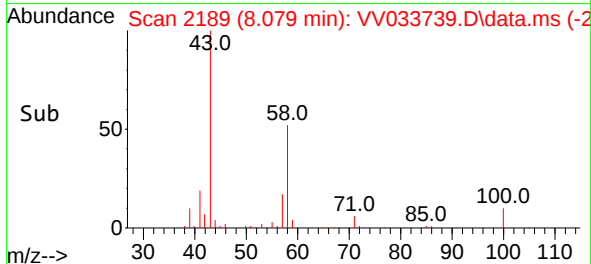
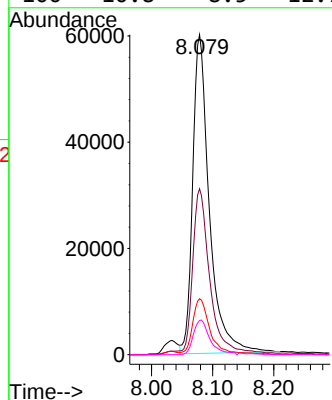
#48
2-Hexanone
Concen: 33.887 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 113458

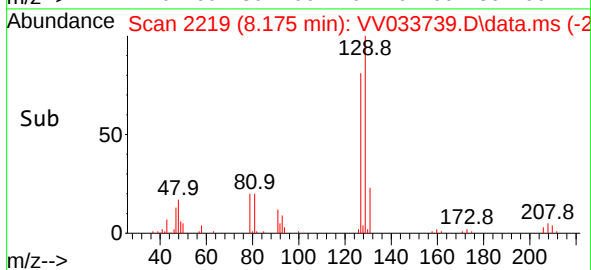
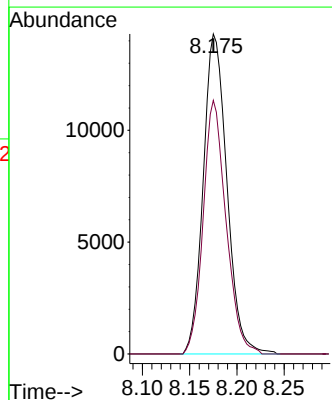
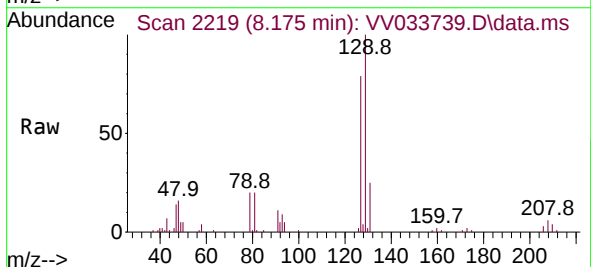
Ion	Ratio	Lower	Upper
43	100		
58	55.1	40.6	61.0
57	18.0	13.8	20.8
100	10.8	8.5	12.7

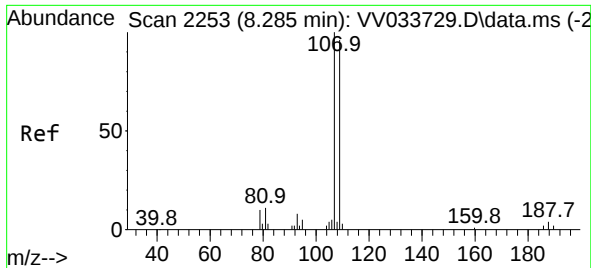


#49
Dibromochloromethane
Concen: 3.626 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion: 129 Resp: 24936

Ion	Ratio	Lower	Upper
129	100		
127	79.2	53.6	99.6





#50

1,2-Dibromoethane

Concen: 3.486 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033739.D

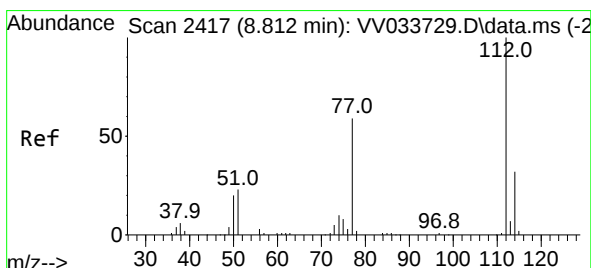
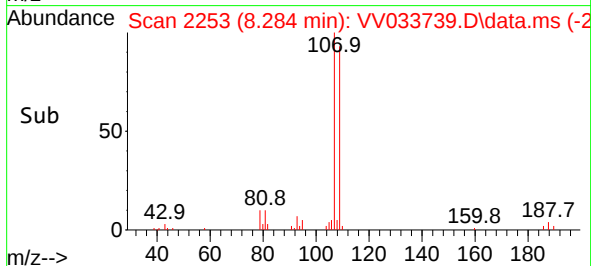
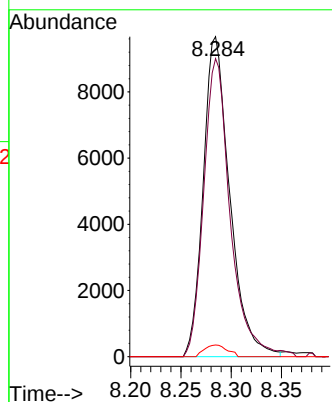
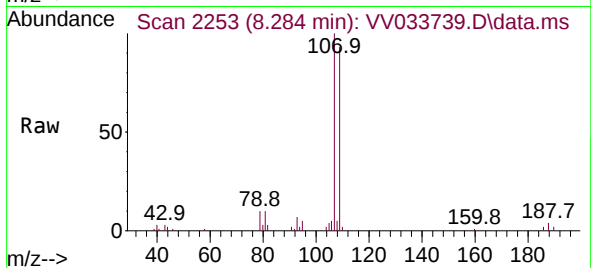
Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	17774
Ion	Ratio	Lower	Upper
107	100		
109	93.2	64.0	118.8
188	3.7	3.0	4.6



#51

Chlorobenzene

Concen: 3.560 ug/L

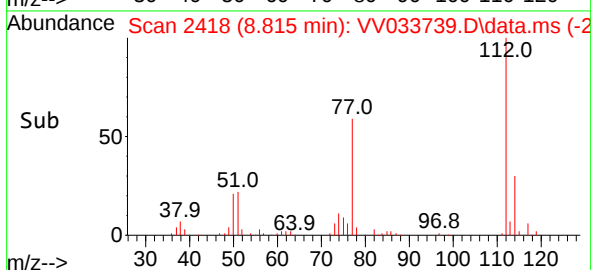
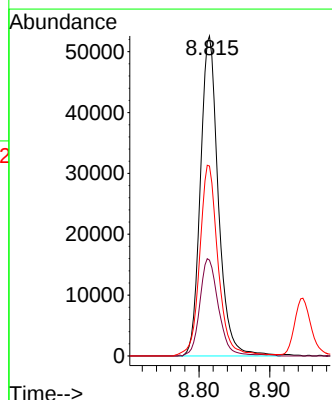
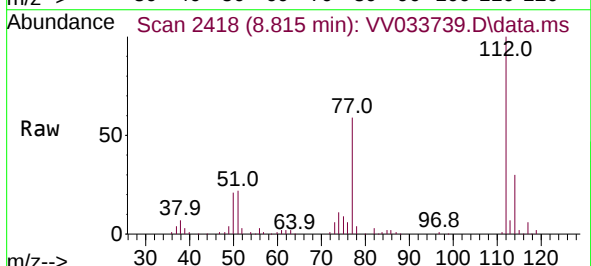
RT: 8.815 min Scan# 2418

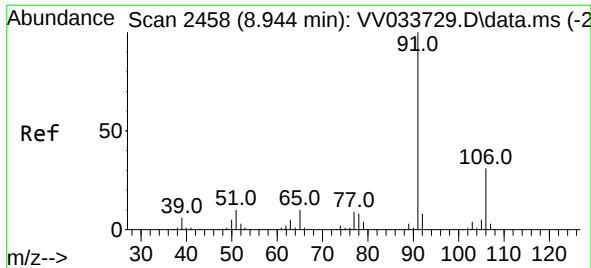
Delta R.T. 0.003 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Tgt Ion:	112	Resp:	92348
Ion	Ratio	Lower	Upper
112	100		
114	30.0	22.9	42.5
77	59.3	50.8	76.2

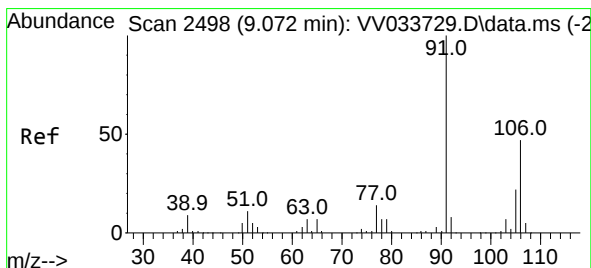
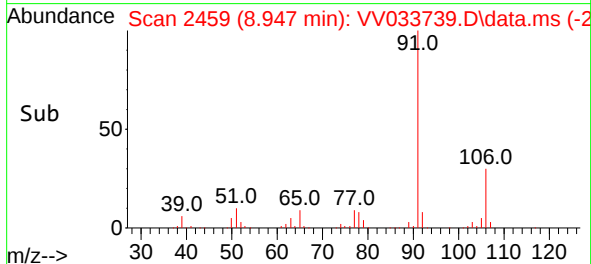
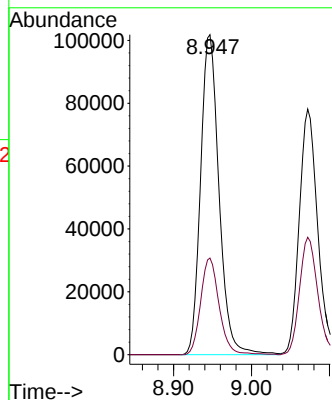
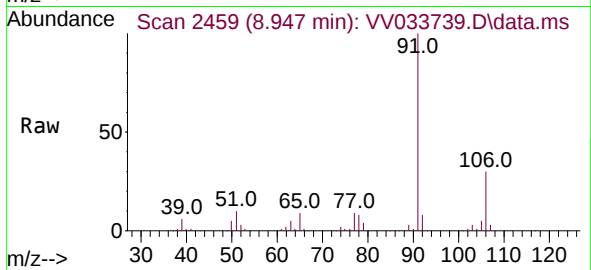




#52
Ethylbenzene
Concen: 3.408 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

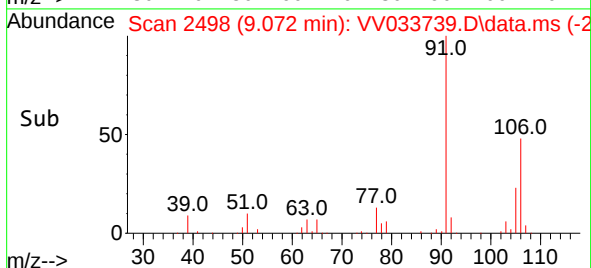
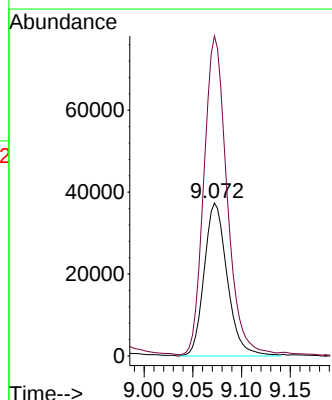
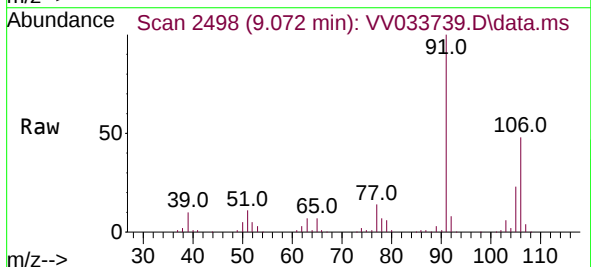
Instrument :
MSVOA_V
ClientSampleId :

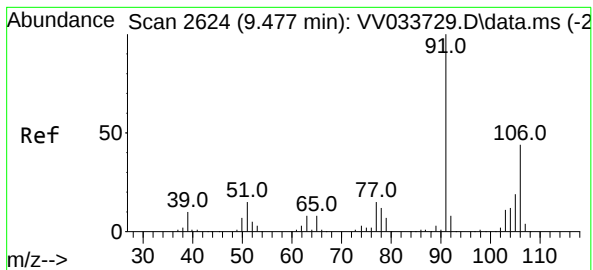
Tgt Ion: 91 Resp: 167289
Ion Ratio Lower Upper
91 100
106 30.2 20.6 38.4



#53
m,p-Xylene
Concen: 3.408 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion:106 Resp: 61617
Ion Ratio Lower Upper
106 100
91 209.2 146.2 271.4





#54

o-Xylene

Concen: 3.477 ug/L

RT: 9.477 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

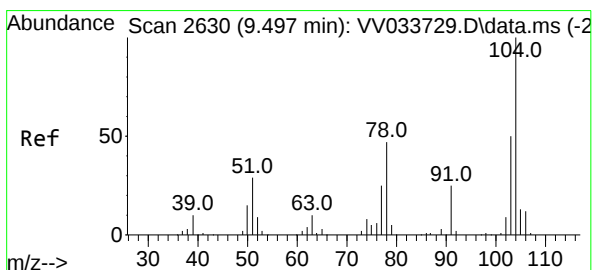
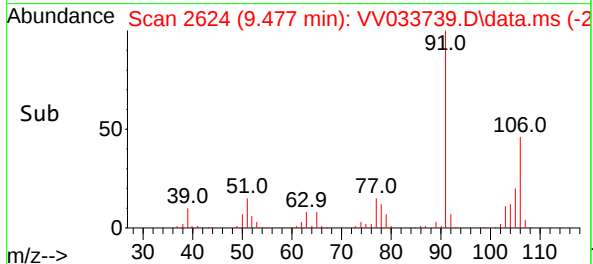
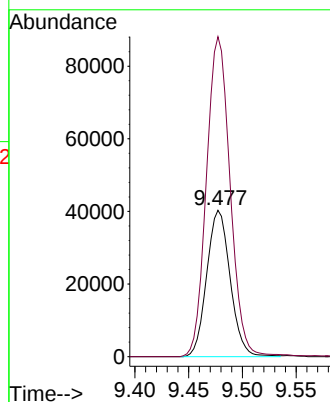
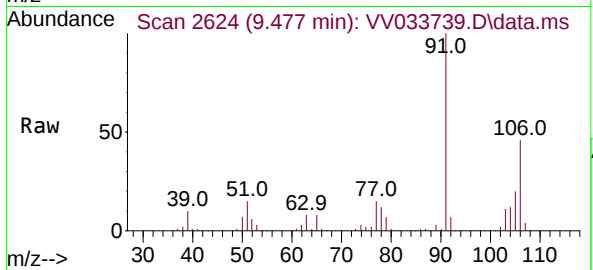
ClientSampleId :

Tgt Ion:106 Resp: 61184

Ion Ratio Lower Upper

106 100

91 218.5 156.0 289.6



#55

Styrene

Concen: 3.596 ug/L

RT: 9.496 min Scan# 2630

Delta R.T. -0.000 min

Lab File: VV033739.D

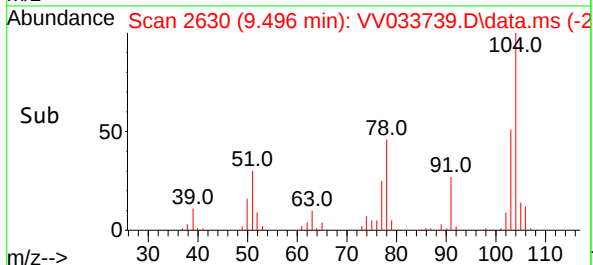
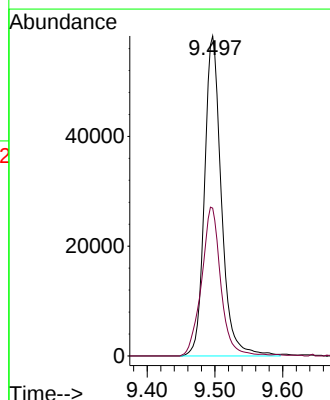
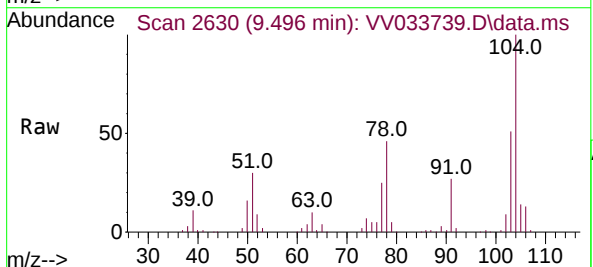
Acq: 18 Jan 2024 16:20

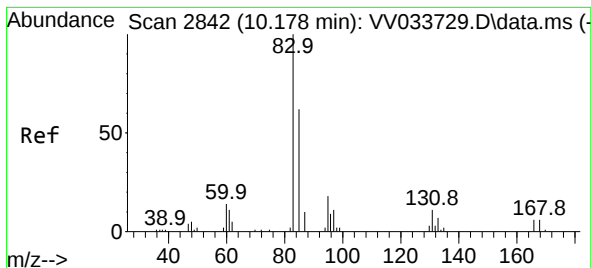
Tgt Ion:104 Resp: 100855

Ion Ratio Lower Upper

104 100

78 46.2 33.1 61.5

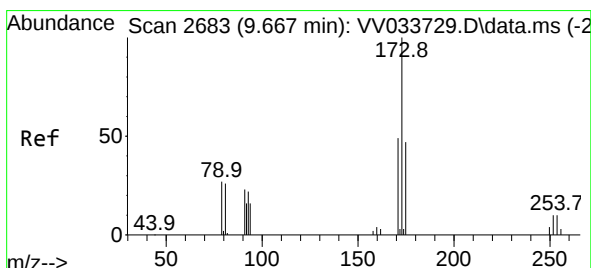
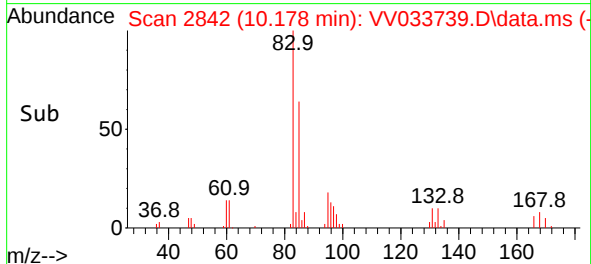
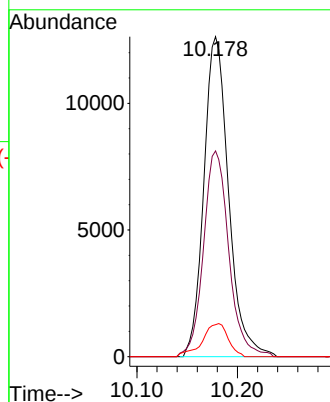
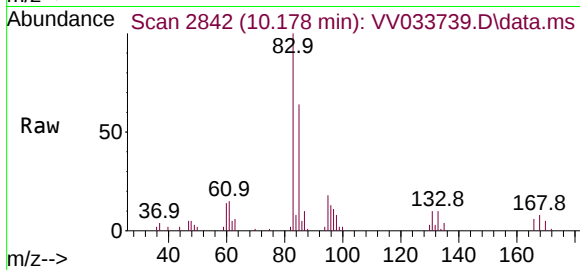




#57
1,1,2,2-Tetrachloroethane
Concen: 3.564 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

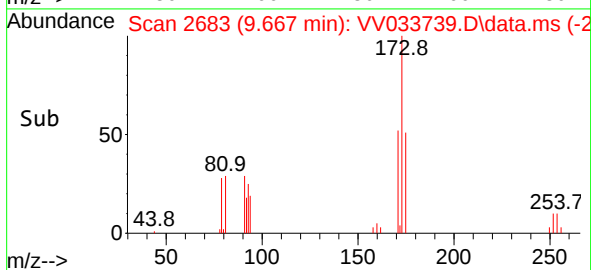
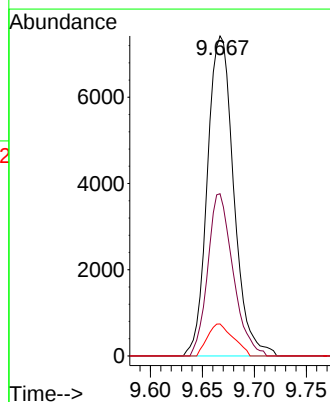
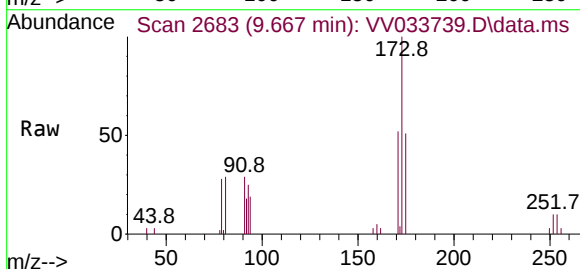
Instrument :
MSVOA_V
ClientSampleId :

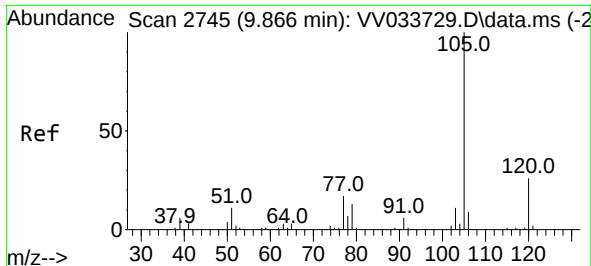
Tgt Ion: 83 Resp: 21605
Ion Ratio Lower Upper
83 100
85 64.3 43.5 80.7
131 10.0 7.4 11.0



#59
Bromoform
Concen: 3.753 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

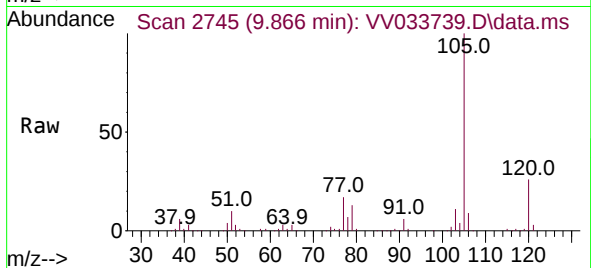
Tgt Ion: 173 Resp: 13112
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 9.7 7.5 11.3



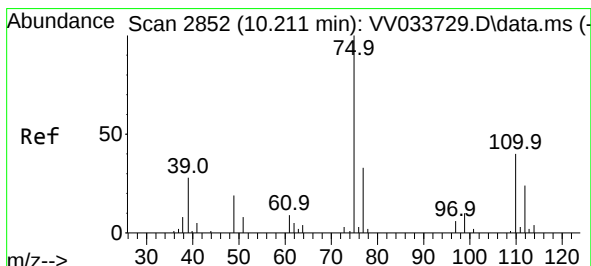
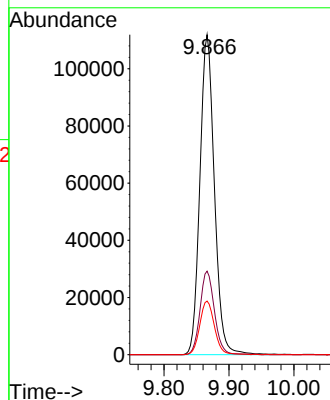
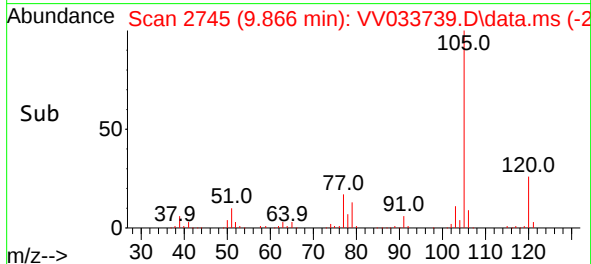


#60
Isopropylbenzene
Concen: 3.804 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

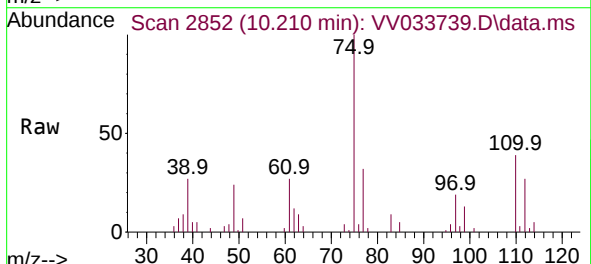
Instrument :
MSVOA_V
ClientSampleId :



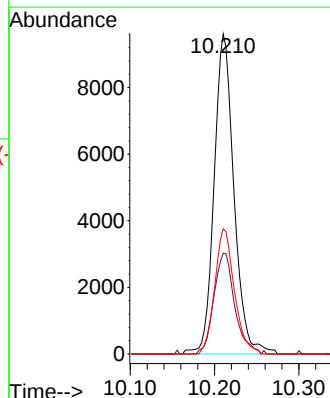
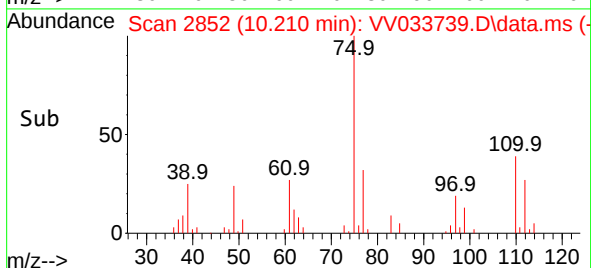
Tgt Ion:105 Resp: 174205
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 17.0 13.4 20.0

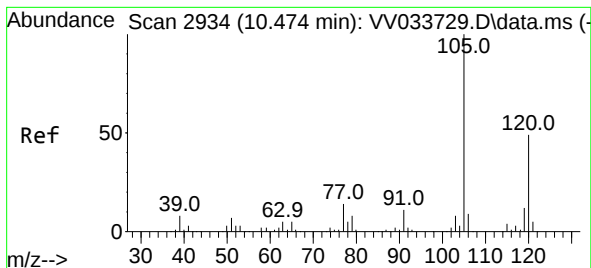


#61
1,2,3-Trichloropropane
Concen: 3.381 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20



Tgt Ion: 75 Resp: 15690
Ion Ratio Lower Upper
75 100
77 33.0 24.7 37.1
110 38.7 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 3.685 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

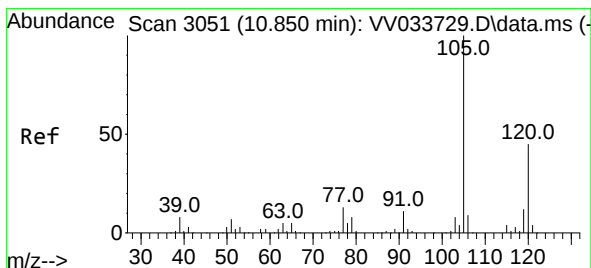
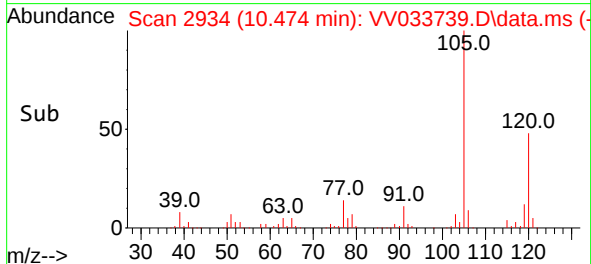
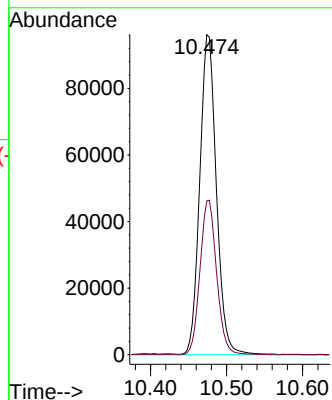
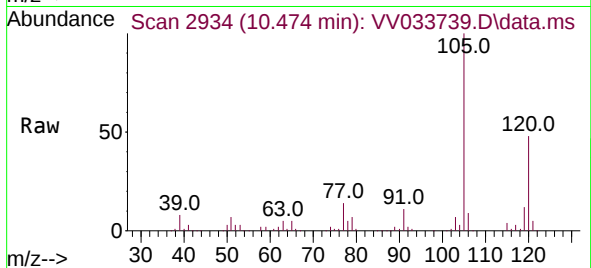
ClientSampleId :

Tgt Ion:105 Resp: 145829

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 3.600 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033739.D

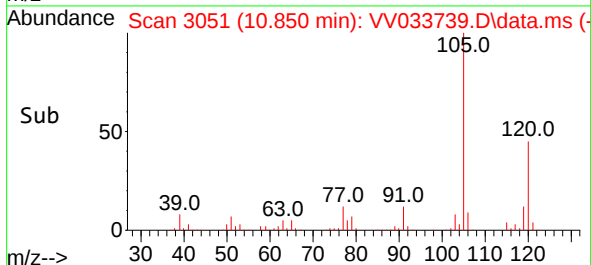
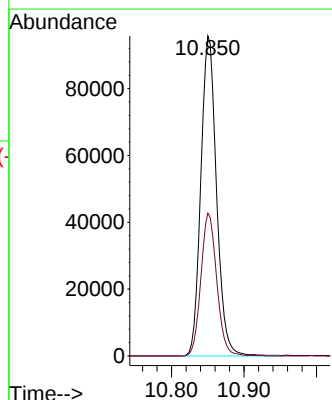
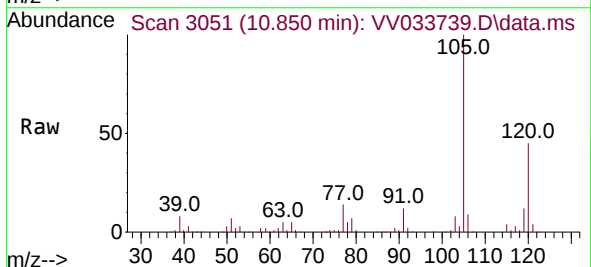
Acq: 18 Jan 2024 16:20

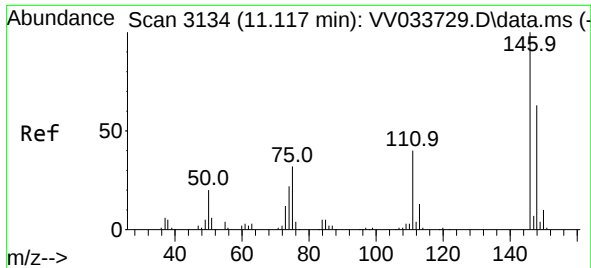
Tgt Ion:105 Resp: 143805

Ion Ratio Lower Upper

105 100

120 45.0 35.5 53.3

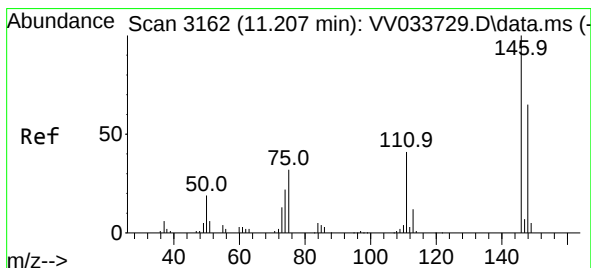
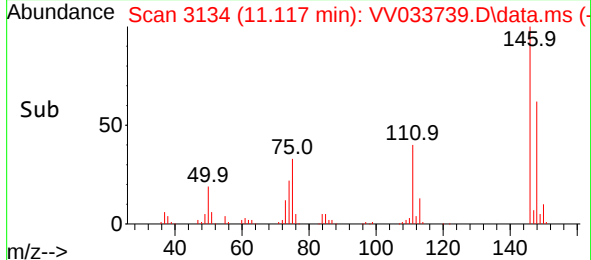
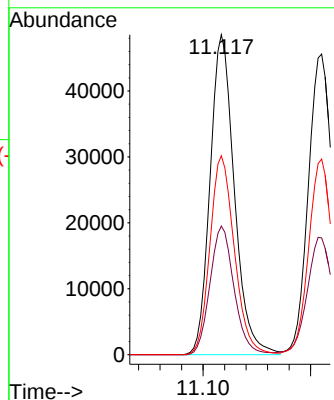
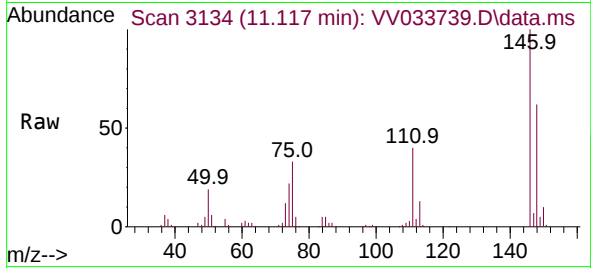




#64
1,3-Dichlorobenzene
Concen: 3.758 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

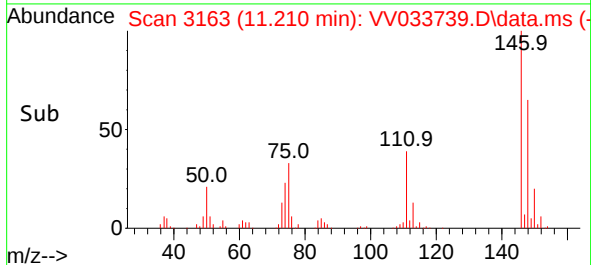
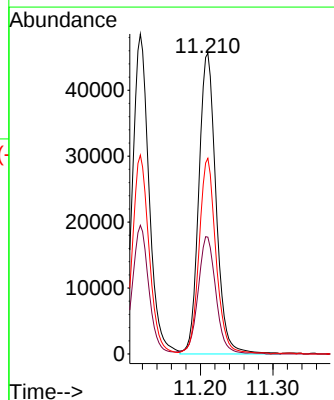
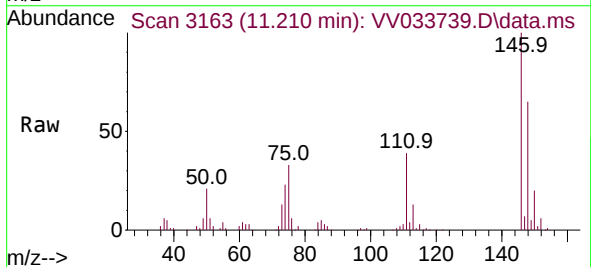
Instrument :
MSVOA_V
ClientSampleId :

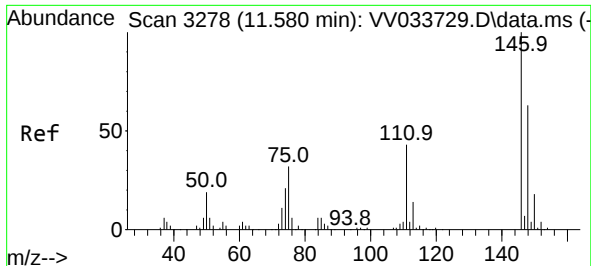
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	29.2	54.2
148	62.1	44.1	81.9



#65
1,4-Dichlorobenzene
Concen: 3.809 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	27.5	51.1
148	65.1	43.3	80.5





#67

1,2-Dichlorobenzene

Concen: 3.734 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :

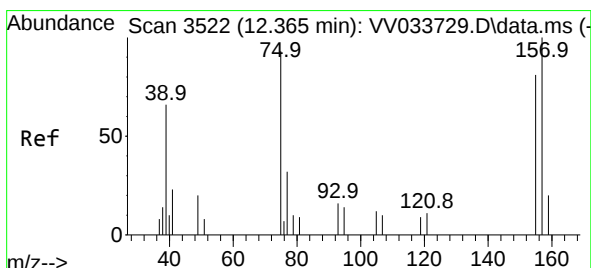
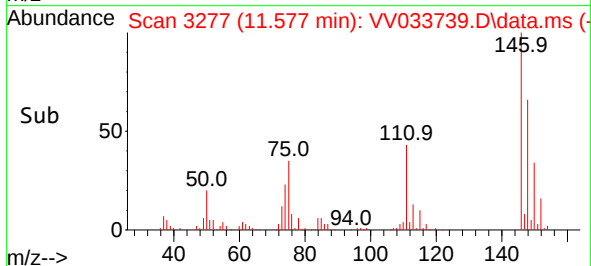
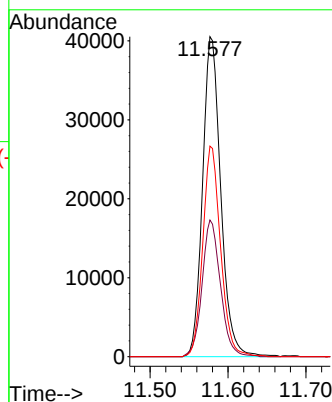
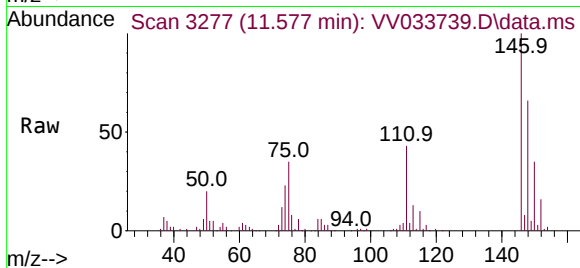
Tgt Ion:146 Resp: 65729

Ion Ratio Lower Upper

146 100

111 42.7 36.1 54.1

148 65.8 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 3.348 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

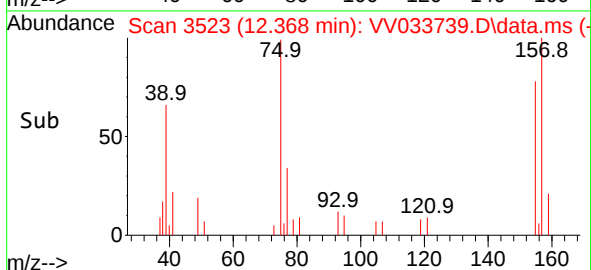
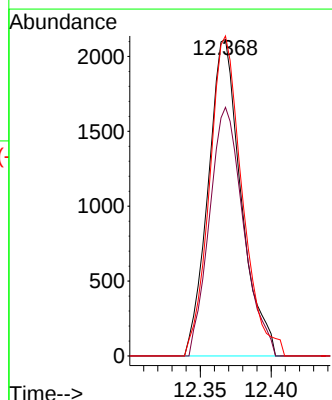
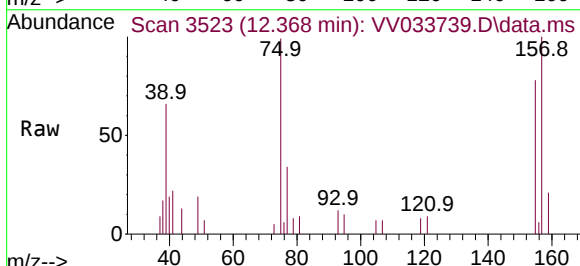
Tgt Ion: 75 Resp: 3414

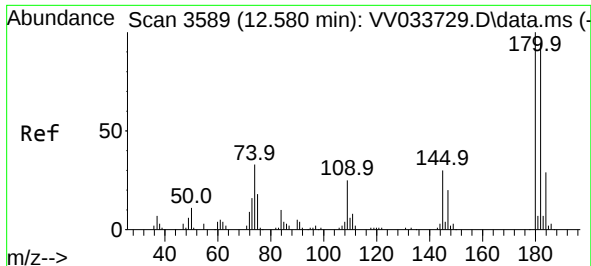
Ion Ratio Lower Upper

75 100

155 78.6 65.3 97.9

157 101.1 75.4 113.0





#69

1,3,5-Trichlorobenzene

Concen: 3.844 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

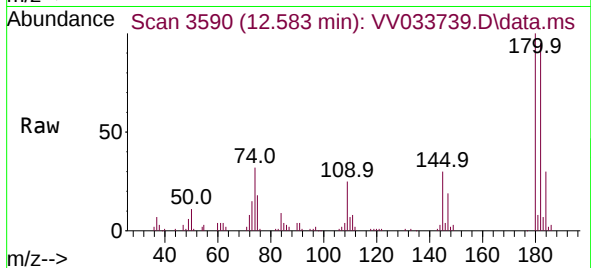
Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 60447

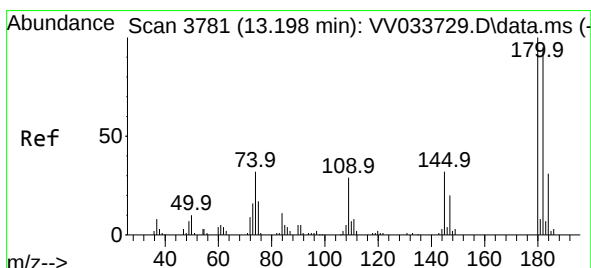
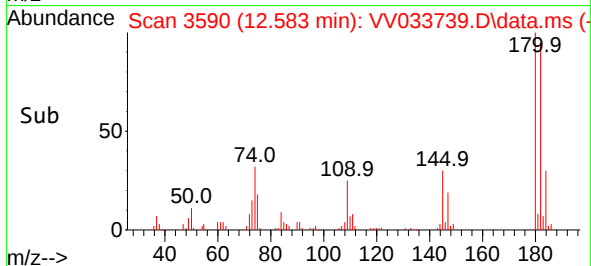
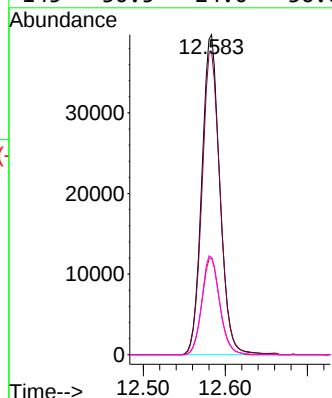
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

184 30.1 24.2 36.2

145 30.5 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 3.460 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033739.D

Acq: 18 Jan 2024 16:20

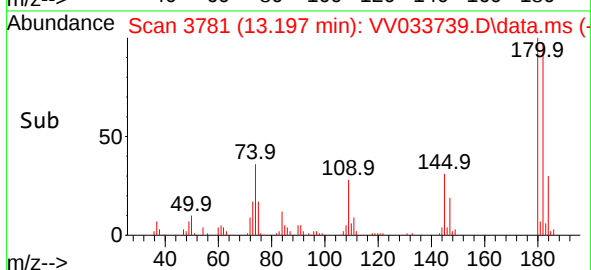
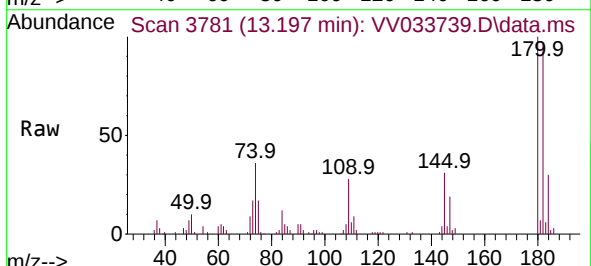
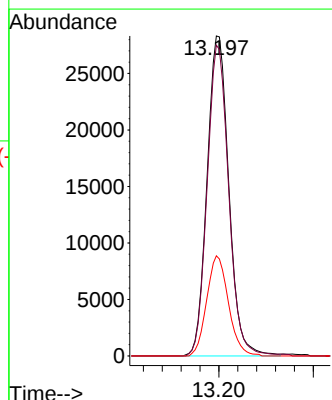
Tgt Ion:180 Resp: 45327

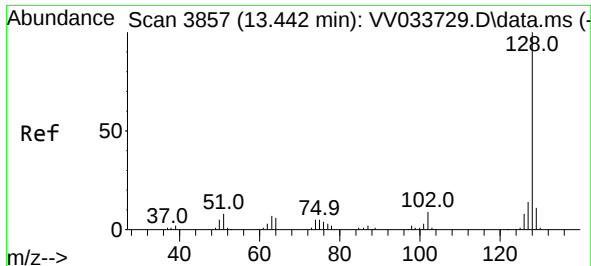
Ion Ratio Lower Upper

180 100

182 95.9 75.0 112.6

145 31.2 24.8 37.2

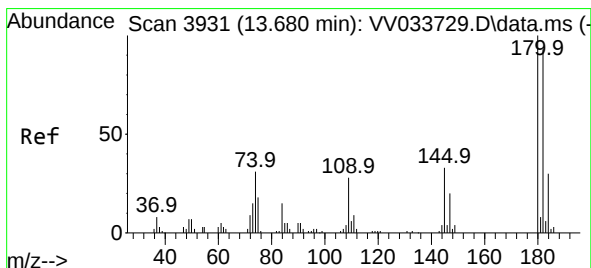
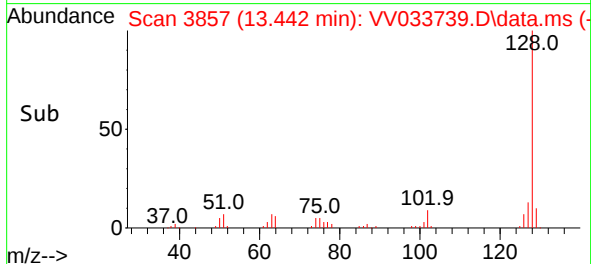
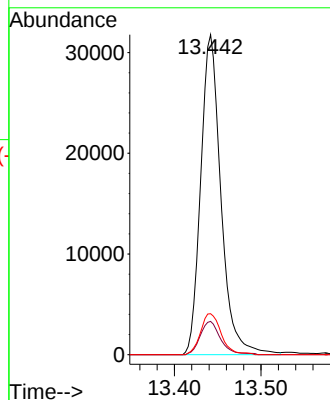
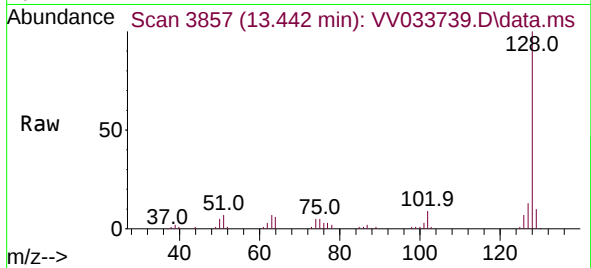




#71
Naphthalene
Concen: 2.359 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 51587
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 3.350 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033739.D
Acq: 18 Jan 2024 16:20

Tgt Ion:180 Resp: 35200
Ion Ratio Lower Upper
180 100
182 94.4 75.0 112.6
145 32.6 26.6 40.0

